

## DSE Final Project

Generated by Doxygen 1.9.3



# Chapter 1

## Data Structure Index

### 1.1 Data Structures

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## Chapter 2

# File Index

### 2.1 File List

Here is a list of all files with brief descriptions:

<a href="#">Board.h</a>	??
<a href="#">EK_TM4C129EXL.c</a>	??
<a href="#">EK_TM4C129EXL.h</a>	
EK_TM4C129EXL Board Specific APIs	??
<a href="#">PFinalMain.c</a>	??
Debug/ <a href="#">EK_TM4C129EXL.d</a>	??
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Debug/configPkg/package/ <a href="#">configPkg.java</a>	??
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## Chapter 3

# Data Structure Documentation

### 3.1 configPkg Class Reference

#### Public Member Functions

- void [exec](#) (Scriptable xdcO, Session ses)

#### 3.1.1 Member Function Documentation

##### 3.1.1.1 [exec\(\)](#)

```
void exec (  
    Scriptable xdcO,  
    Session ses ) [inline]
```

The documentation for this class was generated from the following file:

- Debug/configPkg/package/[configPkg.java](#)

### 3.2 Header Union Reference

#### Data Fields

- struct {  
 Ptr [actualBuf](#)  
 SizeT [size](#)  
} [header](#)
- UArg [pad](#) [2]

### 3.2.1 Field Documentation

#### 3.2.1.1 actualBuf

Ptr actualBuf

#### 3.2.1.2

struct { ... } header

#### 3.2.1.3 pad

UArg pad[2]

#### 3.2.1.4 size

SizeT size

The documentation for this union was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.3 ti\_sysbios\_BIOS\_Module\_State\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_FreqHz [cpuFreq](#)
- xdc\_UInt [rtsGateCount](#)
- xdc\_IArg [rtsGateKey](#)
- ti\_sysbios\_BIOS\_RtsGateProxy\_Handle [rtsGate](#)
- ti\_sysbios\_BIOS\_ThreadType [threadType](#)
- \_\_TA\_ti\_sysbios\_BIOS\_Module\_State\_\_smpThreadType [smpThreadType](#)
- volatile ti\_sysbios\_BIOS\_StartFuncPtr [startFunc](#)
- volatile ti\_sysbios\_BIOS\_ExitFuncPtr [exitFunc](#)

### 3.3.1 Field Documentation



#### 3.3.1.1 cpuFreq

```
xdc_runtime_Types_FreqHz cpuFreq
```

#### 3.3.1.2 exitFunc

```
volatile ti_sysbios_BIOS_ExitFuncPtr exitFunc
```

#### 3.3.1.3 rtsGate

```
ti_sysbios_BIOS_RtsGateProxy_Handle rtsGate
```

#### 3.3.1.4 rtsGateCount

```
xdc_UInt rtsGateCount
```

#### 3.3.1.5 rtsGateKey

```
xdc_IArg rtsGateKey
```

#### 3.3.1.6 smpThreadType

```
__TA_ti_sysbios_BIOS_Module_State__smpThreadType smpThreadType
```

#### 3.3.1.7 startFunc

```
volatile ti_sysbios_BIOS_StartFuncPtr startFunc
```

### 3.3.1.8 threadType

```
ti_sysbios_BIOS_ThreadType threadType
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.4 ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

### 3.4.1 Field Documentation

#### 3.4.1.1 link

```
xdc_runtime_Types_Link link
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.5 ti\_sysbios\_BIOS\_RtsGateProxy\_Object2\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_InstHdr [hdr](#)
- [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Object\\_\\_](#) [obj](#)

### 3.5.1 Field Documentation

#### 3.5.1.1 hdr

```
xdc_runtime_Types_InstHdr hdr
```

### 3.5.1.2 obj

[ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Object\\_\\_](#) obj

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.6 ti\_sysbios\_family\_arm\_lm4\_Timer\_\_\_S1 Struct Reference

### Data Fields

- [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Object2\\_\\_](#) s0
- char [c](#)

### 3.6.1 Field Documentation

#### 3.6.1.1 c

char c

#### 3.6.1.2 s0

[ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Object2\\_\\_](#) s0

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.7 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

### 3.7.1 Field Documentation

### 3.7.1.1 link

```
xdc_runtime_Types_Link link
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.8 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_State\_\_ Struct Reference

### Data Fields

- xdc\_UInt [availMask](#)
- \_\_TA\_ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_State\_\_device [device](#)
- \_\_TA\_ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_State\_\_handles [handles](#)

### 3.8.1 Field Documentation

#### 3.8.1.1 availMask

```
xdc_UInt availMask
```

#### 3.8.1.2 device

```
__TA_ti_sysbios_family_arm_lm4_Timer_Module_State__device device
```

#### 3.8.1.3 handles

```
__TA_ti_sysbios_family_arm_lm4_Timer_Module_State__handles handles
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.9 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object2\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_InstHdr [hdr](#)
- [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Object\\_\\_](#) obj

### 3.9.1 Field Documentation

#### 3.9.1.1 hdr

```
xdc_runtime_Types_InstHdr hdr
```

#### 3.9.1.2 obj

```
ti_sysbios_family_arm_lm4_Timer_Object__ obj
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.10 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_ Struct Reference

### Data Fields

- const ti\_sysbios\_family\_arm\_lm4\_Timer\_Fxns\_\_ \* \_\_fxns
- xdc\_Bool staticInst
- xdc\_Int id
- ti\_sysbios\_family\_arm\_lm4\_Timer\_RunMode runMode
- ti\_sysbios\_family\_arm\_lm4\_Timer\_StartMode startMode
- xdc\_UInt period
- ti\_sysbios\_family\_arm\_lm4\_Timer\_PeriodType periodType
- xdc\_UInt intNum
- xdc\_UArg arg
- ti\_sysbios\_family\_arm\_m3\_Hwi\_FuncPtr tickFxn
- xdc\_runtime\_Types\_FreqHz extFreq
- ti\_sysbios\_family\_arm\_m3\_Hwi\_Handle hwi
- xdc\_UInt prevThreshold
- xdc\_UInt rollovers
- xdc\_UInt savedCurrCount
- xdc\_Bool altclk

### 3.10.1 Field Documentation

#### 3.10.1.1 \_\_fxns

```
const ti_sysbios_family_arm_lm4_Timer_Fxns__* __fxns
```

**3.10.1.2 altclk**

```
xdc_Bool altclk
```

**3.10.1.3 arg**

```
xdc_UArg arg
```

**3.10.1.4 extFreq**

```
xdc_runtime_Types_FreqHz extFreq
```

**3.10.1.5 hwi**

```
ti_sysbios_family_arm_m3_Hwi_Handle hwi
```

**3.10.1.6 id**

```
xdc_Int id
```

**3.10.1.7 intNum**

```
xdc_UInt intNum
```

**3.10.1.8 period**

```
xdc_UInt period
```

**3.10.1.9 periodType**

```
ti_sysbios_family_arm_lm4_Timer_PeriodType periodType
```

**3.10.1.10 prevThreshold**

```
xdc_UInt prevThreshold
```

**3.10.1.11 rollovers**

```
xdc_UInt rollovers
```

**3.10.1.12 runMode**

```
ti_sysbios_family_arm_lm4_Timer_RunMode runMode
```

**3.10.1.13 savedCurrCount**

```
xdc_UInt savedCurrCount
```

**3.10.1.14 startMode**

```
ti_sysbios_family_arm_lm4_Timer_StartMode startMode
```

**3.10.1.15 staticInst**

```
xdc_Bool staticInst
```

**3.10.1.16 tickFxn**

```
ti_sysbios_family_arm_m3_Hwi_FuncPtr tickFxn
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.11 ti\_sysbios\_family\_arm\_m3\_Hwi\_\_\_S1 Struct Reference

### Data Fields

- [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object2\\_\\_s0](#)
- char [c](#)

#### 3.11.1 Field Documentation

##### 3.11.1.1 c

char [c](#)

##### 3.11.1.2 s0

[ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object2\\_\\_s0](#)

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.12 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

#### 3.12.1 Field Documentation

##### 3.12.1.1 link

xdc\_runtime\_Types\_Link [link](#)

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)



## 3.13 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_\_ Struct Reference

### Data Fields

- xdc\_Char \* [taskSP](#)
- \_\_TA\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_\_excActive [excActive](#)
- \_\_TA\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_\_excContext [excContext](#)
- \_\_TA\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_\_excStack [excStack](#)
- xdc\_Ptr [isrStack](#)
- xdc\_Ptr [isrStackBase](#)
- xdc\_SizeT [isrStackSize](#)
- xdc\_Ptr [vectorTableBase](#)
- xdc\_UInt [swiTaskKeys](#)
- xdc\_Ptr [dispatchTable](#)
- volatile xdc\_Bool [vnvicFlushRequired](#)
- \_\_TA\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_\_intAffinity [intAffinity](#)
- \_\_TA\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_\_intAffinityMasks [intAffinityMasks](#)

### 3.13.1 Field Documentation

#### 3.13.1.1 dispatchTable

xdc\_Ptr dispatchTable

#### 3.13.1.2 excActive

\_\_TA\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_\_excActive excActive

#### 3.13.1.3 excContext

\_\_TA\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_\_excContext excContext

#### 3.13.1.4 excStack

\_\_TA\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_\_excStack excStack

#### 3.13.1.5 intAffinity

```
__TA_ti_sysbios_family_arm_m3_Hwi_Module_State__intAffinity intAffinity
```

#### 3.13.1.6 intAffinityMasks

```
__TA_ti_sysbios_family_arm_m3_Hwi_Module_State__intAffinityMasks intAffinityMasks
```

#### 3.13.1.7 isrStack

```
xdc_Ptr isrStack
```

#### 3.13.1.8 isrStackBase

```
xdc_Ptr isrStackBase
```

#### 3.13.1.9 isrStackSize

```
xdc_SizeT isrStackSize
```

#### 3.13.1.10 swiTaskKeys

```
xdc_UInt swiTaskKeys
```

#### 3.13.1.11 taskSP

```
xdc_Char* taskSP
```

#### 3.13.1.12 vectorTableBase

```
xdc_Ptr vectorTableBase
```

### 3.13.1.13 vnvicFlushRequired

```
volatile xdc_Bool vnvicFlushRequired
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.14 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object2\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_InstHdr [hdr](#)
- [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object\\_\\_](#) [obj](#)

### 3.14.1 Field Documentation

#### 3.14.1.1 hdr

```
xdc_runtime_Types_InstHdr hdr
```

#### 3.14.1.2 obj

```
ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_\_ obj
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.15 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_\_ Struct Reference

### Data Fields

- const [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Fxns\\_\\_](#) \* [\\_\\_fxns](#)
- xdc\_UArg [arg](#)
- [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_FuncPtr](#) [fxn](#)
- [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Irp](#) [irp](#)
- xdc\_UInt8 [priority](#)
- xdc\_Int16 [intNum](#)
- [\\_\\_TA\\_ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Instance\\_State\\_\\_](#) [hookEnv](#) [hookEnv](#)

### 3.15.1 Field Documentation

#### 3.15.1.1 \_\_fxns

```
const ti_sysbios_family_arm_m3_Hwi_Fxns__* __fxns
```

#### 3.15.1.2 arg

```
xdc_UArg arg
```

#### 3.15.1.3 fxn

```
ti_sysbios_family_arm_m3_Hwi_FuncPtr fxn
```

#### 3.15.1.4 hookEnv

```
__TA_ti_sysbios_family_arm_m3_Hwi_Instance_State__hookEnv hookEnv
```

#### 3.15.1.5 intNum

```
xdc_Int16 intNum
```

#### 3.15.1.6 irp

```
ti_sysbios_family_arm_m3_Hwi_Irp irp
```

#### 3.15.1.7 priority

```
xdc_UInt8 priority
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.16 ti\_sysbios\_gates\_GateHwi\_\_\_S1 Struct Reference

### Data Fields

- [ti\\_sysbios\\_gates\\_GateHwi\\_Object2\\_\\_s0](#)
- char [c](#)

#### 3.16.1 Field Documentation

##### 3.16.1.1 c

char [c](#)

##### 3.16.1.2 s0

[ti\\_sysbios\\_gates\\_GateHwi\\_Object2\\_\\_s0](#)

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.17 ti\_sysbios\_gates\_GateHwi\_Module\_\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

#### 3.17.1 Field Documentation

##### 3.17.1.1 link

xdc\_runtime\_Types\_Link [link](#)

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.18 ti\_sysbios\_gates\_GateHwi\_Object2\_\_ Struct Reference

### Data Fields

- [xdc\\_runtime\\_Types\\_InstHdr](#) [hdr](#)
- [ti\\_sysbios\\_gates\\_GateHwi\\_Object\\_\\_](#) [obj](#)

### 3.18.1 Field Documentation

#### 3.18.1.1 [hdr](#)

`xdc_runtime_Types_InstHdr` [hdr](#)

#### 3.18.1.2 [obj](#)

[ti\\_sysbios\\_gates\\_GateHwi\\_Object\\_\\_](#) [obj](#)

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.19 ti\_sysbios\_gates\_GateHwi\_Object\_\_ Struct Reference

### Data Fields

- `const ti_sysbios_gates_GateHwi_Fxns__ *` [\\_\\_fxns](#)

### 3.19.1 Field Documentation

#### 3.19.1.1 [\\_\\_fxns](#)

`const ti_sysbios_gates_GateHwi_Fxns__ *` [\\_\\_fxns](#)

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.20 ti\_sysbios\_gates\_GateMutex\_\_\_S1 Struct Reference

### Data Fields

- [ti\\_sysbios\\_gates\\_GateMutex\\_Object2\\_\\_s0](#)
- char [c](#)

#### 3.20.1 Field Documentation

##### 3.20.1.1 c

char [c](#)

##### 3.20.1.2 s0

[ti\\_sysbios\\_gates\\_GateMutex\\_Object2\\_\\_s0](#)

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.21 ti\_sysbios\_gates\_GateMutex\_Module\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

#### 3.21.1 Field Documentation

##### 3.21.1.1 link

xdc\_runtime\_Types\_Link [link](#)

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.22 ti\_sysbios\_gates\_GateMutex\_Object2\_\_ Struct Reference

### Data Fields

- [xdc\\_runtime\\_Types\\_InstHdr](#) [hdr](#)
- [ti\\_sysbios\\_gates\\_GateMutex\\_Object\\_\\_](#) [obj](#)

### 3.22.1 Field Documentation

#### 3.22.1.1 [hdr](#)

`xdc_runtime_Types_InstHdr` [hdr](#)

#### 3.22.1.2 [obj](#)

[ti\\_sysbios\\_gates\\_GateMutex\\_Object\\_\\_](#) [obj](#)

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.23 ti\_sysbios\_gates\_GateMutex\_Object\_\_ Struct Reference

### Data Fields

- `const` [ti\\_sysbios\\_gates\\_GateMutex\\_Fxns\\_\\_](#) \* [\\_\\_fxns](#)
- [ti\\_sysbios\\_knl\\_Task\\_Handle](#) [owner](#)
- [ti\\_sysbios\\_knl\\_Semaphore\\_Object\\_\\_](#) [Object\\_field\\_sem](#)

### 3.23.1 Field Documentation

#### 3.23.1.1 [\\_\\_fxns](#)

`const` [ti\\_sysbios\\_gates\\_GateMutex\\_Fxns\\_\\_](#) \* [\\_\\_fxns](#)



### 3.23.1.2 Object\_field\_sem

ti\_sysbios\_knl\_Semaphore\_Object\_\_\_ Object\_field\_sem

### 3.23.1.3 owner

ti\_sysbios\_knl\_Task\_Handle owner

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.24 ti\_sysbios\_hal\_Hwi\_\_\_S1 Struct Reference

### Data Fields

- ti\_sysbios\_hal\_Hwi\_Object2\_\_\_ s0
- char c

### 3.24.1 Field Documentation

#### 3.24.1.1 c

char c

#### 3.24.1.2 s0

ti\_sysbios\_hal\_Hwi\_Object2\_\_\_ s0

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.25 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Module\_\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link link

### 3.25.1 Field Documentation

#### 3.25.1.1 link

`xdc_runtime_Types_Link link`

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.26 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Object2\_\_ Struct Reference

### Data Fields

- `xdc_runtime_Types_InstHdr` [hdr](#)
- [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Object\\_\\_](#) `obj`

### 3.26.1 Field Documentation

#### 3.26.1.1 hdr

`xdc_runtime_Types_InstHdr hdr`

#### 3.26.1.2 obj

[ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Object\\_\\_](#) `obj`

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.27 ti\_sysbios\_hal\_Hwi\_Module\_\_ Struct Reference

### Data Fields

- `xdc_runtime_Types_Link` [link](#)

### 3.27.1 Field Documentation

#### 3.27.1.1 link

```
xdc_runtime_Types_Link link
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.28 ti\_sysbios\_hal\_Hwi\_Object2\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_InstHdr [hdr](#)
- [ti\\_sysbios\\_hal\\_Hwi\\_Object\\_\\_](#) [obj](#)

### 3.28.1 Field Documentation

#### 3.28.1.1 hdr

```
xdc_runtime_Types_InstHdr hdr
```

#### 3.28.1.2 obj

```
ti\_sysbios\_hal\_Hwi\_Object\_\_ obj
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.29 ti\_sysbios\_hal\_Hwi\_Object\_\_ Struct Reference

### Data Fields

- const ti\_sysbios\_hal\_Hwi\_Fxns\_\_ \* [\\_\\_fxns](#)
- [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Handle](#) [pi](#)

### 3.29.1 Field Documentation

#### 3.29.1.1 \_\_fxns

```
const ti_sysbios_hal_Hwi_Fxns__* __fxns
```

#### 3.29.1.2 pi

```
ti_sysbios_hal_Hwi_HwiProxy_Handle pi
```

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.30 ti\_sysbios\_heaps\_HeapMem\_\_\_S1 Struct Reference

### Data Fields

- [ti\\_sysbios\\_heaps\\_HeapMem\\_Object2\\_\\_ s0](#)
- char [c](#)

### 3.30.1 Field Documentation

#### 3.30.1.1 c

```
char c
```

#### 3.30.1.2 s0

```
ti\_sysbios\_heaps\_HeapMem\_Object2\_\_ s0
```

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.31 ti\_sysbios\_heaps\_HeapMem\_Module\_\_ Struct Reference

### Data Fields

- `xdc_runtime_Types_Link` [link](#)

#### 3.31.1 Field Documentation

##### 3.31.1.1 `link`

`xdc_runtime_Types_Link link`

The documentation for this struct was generated from the following file:

- `Debug/configPkg/package/cfg/PFinalMain_pem4f.c`

## 3.32 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_ Struct Reference

### Data Fields

- `xdc_runtime_Types_Link` [link](#)

#### 3.32.1 Field Documentation

##### 3.32.1.1 `link`

`xdc_runtime_Types_Link link`

The documentation for this struct was generated from the following file:

- `Debug/configPkg/package/cfg/PFinalMain_pem4f.c`

## 3.33 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Object2\_\_ Struct Reference

### Data Fields

- `xdc_runtime_Types_InstHdr` [hdr](#)
- `ti_sysbios_heaps_HeapMem_Module_GateProxy_Object__` [obj](#)

### 3.33.1 Field Documentation

#### 3.33.1.1 hdr

`xdc_runtime_Types_InstHdr` `hdr`

#### 3.33.1.2 obj

`ti_sysbios_heaps_HeapMem_Module_GateProxy_Object__` `obj`

The documentation for this struct was generated from the following file:

- `Debug/configPkg/package/cfg/PFinalMain_pem4f.c`

## 3.34 `ti_sysbios_heaps_HeapMem_Object2__` Struct Reference

### Data Fields

- `xdc_runtime_Types_InstHdr` `hdr`
- `ti_sysbios_heaps_HeapMem_Object__` `obj`

### 3.34.1 Field Documentation

#### 3.34.1.1 hdr

`xdc_runtime_Types_InstHdr` `hdr`

#### 3.34.1.2 obj

`ti_sysbios_heaps_HeapMem_Object__` `obj`

The documentation for this struct was generated from the following file:

- `Debug/configPkg/package/cfg/PFinalMain_pem4f.c`

## 3.35 ti\_sysbios\_heaps\_HeapMem\_Object\_\_ Struct Reference

### Data Fields

- `const ti_sysbios_heaps_HeapMem_Fxns__ * __fxns`
- `xdc_runtime_Memory_Size align`
- `__TA_ti_sysbios_heaps_HeapMem_Instance_State__buf buf`
- `ti_sysbios_heaps_HeapMem_Header head`
- `xdc_SizeT minBlockAlign`

### 3.35.1 Field Documentation

#### 3.35.1.1 \_\_fxns

```
const ti_sysbios_heaps_HeapMem_Fxns__ * __fxns
```

#### 3.35.1.2 align

```
xdc_runtime_Memory_Size align
```

#### 3.35.1.3 buf

```
__TA_ti_sysbios_heaps_HeapMem_Instance_State__buf buf
```

#### 3.35.1.4 head

```
ti_sysbios_heaps_HeapMem_Header head
```

#### 3.35.1.5 minBlockAlign

```
xdc_SizeT minBlockAlign
```

The documentation for this struct was generated from the following file:

- `Debug/configPkg/package/cfg/PFinalMain_pem4f.c`

## 3.36 ti\_sysbios\_knl\_Clock\_\_\_S1 Struct Reference

### Data Fields

- [ti\\_sysbios\\_knl\\_Clock\\_Object2\\_\\_ s0](#)
- char [c](#)

### 3.36.1 Field Documentation

#### 3.36.1.1 c

char [c](#)

#### 3.36.1.2 s0

[ti\\_sysbios\\_knl\\_Clock\\_Object2\\_\\_](#) [s0](#)

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.37 ti\_sysbios\_knl\_Clock\_Module\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

### 3.37.1 Field Documentation

#### 3.37.1.1 link

xdc\_runtime\_Types\_Link [link](#)

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)



## 3.38 ti\_sysbios\_knl\_Clock\_Module\_State\_\_ Struct Reference

### Data Fields

- volatile xdc\_UInt32 [ticks](#)
- xdc\_UInt [swiCount](#)
- ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle [timer](#)
- ti\_sysbios\_knl\_Swi\_Handle [swi](#)
- volatile xdc\_UInt [numTickSkip](#)
- xdc\_UInt32 [nextScheduledTick](#)
- xdc\_UInt32 [maxSkippable](#)
- xdc\_Bool [inWorkFunc](#)
- xdc\_Bool [startDuringWorkFunc](#)
- xdc\_Bool [ticking](#)
- [ti\\_sysbios\\_knl\\_Queue\\_Object\\_\\_](#) [Object\\_field\\_clockQ](#)

### 3.38.1 Field Documentation

#### 3.38.1.1 inWorkFunc

xdc\_Bool inWorkFunc

#### 3.38.1.2 maxSkippable

xdc\_UInt32 maxSkippable

#### 3.38.1.3 nextScheduledTick

xdc\_UInt32 nextScheduledTick

#### 3.38.1.4 numTickSkip

volatile xdc\_UInt numTickSkip

### 3.38.1.5 Object\_field\_clockQ

```
ti_sysbios_knl_Queue_Object__ Object_field_clockQ
```

### 3.38.1.6 startDuringWorkFunc

```
xdc_Bool startDuringWorkFunc
```

### 3.38.1.7 swi

```
ti_sysbios_knl_Swi_Handle swi
```

### 3.38.1.8 swiCount

```
xdc_UInt swiCount
```

### 3.38.1.9 ticking

```
xdc_Bool ticking
```

### 3.38.1.10 ticks

```
volatile xdc_UInt32 ticks
```

### 3.38.1.11 timer

```
ti_sysbios_knl_Clock_TimerProxy_Handle timer
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.39 ti\_sysbios\_knl\_Clock\_Object2\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_InstHdr [hdr](#)
- [ti\\_sysbios\\_knl\\_Clock\\_Object\\_\\_](#) [obj](#)

### 3.39.1 Field Documentation

#### 3.39.1.1 [hdr](#)

`xdc_runtime_Types_InstHdr` [hdr](#)

#### 3.39.1.2 [obj](#)

[ti\\_sysbios\\_knl\\_Clock\\_Object\\_\\_](#) [obj](#)

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.40 ti\_sysbios\_knl\_Clock\_Object\_\_ Struct Reference

### Data Fields

- [ti\\_sysbios\\_knl\\_Queue\\_Elem](#) [elem](#)
- xdc\_UInt32 [timeout](#)
- xdc\_UInt32 [currTimeout](#)
- xdc\_UInt32 [period](#)
- volatile xdc\_Bool [active](#)
- [ti\\_sysbios\\_knl\\_Clock\\_FuncPtr](#) [fxn](#)
- xdc\_UArg [arg](#)

### 3.40.1 Field Documentation

#### 3.40.1.1 [active](#)

`volatile xdc_Bool` [active](#)

#### 3.40.1.2 arg

`xdc_UArg arg`

#### 3.40.1.3 currTimeout

`xdc_UInt32 currTimeout`

#### 3.40.1.4 elem

`ti_sysbios_knl_Queue_Elem elem`

#### 3.40.1.5 fxn

`ti_sysbios_knl_Clock_FuncPtr fxn`

#### 3.40.1.6 period

`xdc_UInt32 period`

#### 3.40.1.7 timeout

`xdc_UInt32 timeout`

The documentation for this struct was generated from the following file:

- `Debug/configPkg/package/cfg/PFinalMain_pem4f.c`

### 3.41 ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_ Struct Reference

#### Data Fields

- `xdc_runtime_Types_Link` [link](#)

### 3.41.1 Field Documentation

#### 3.41.1.1 link

```
xdc_runtime_Types_Link link
```

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.42 ti\_sysbios\_knl\_Clock\_TimerProxy\_Object2\_\_ Struct Reference

### Data Fields

- [xdc\\_runtime\\_Types\\_InstHdr](#) `hdr`
- [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Object\\_\\_](#) `obj`

### 3.42.1 Field Documentation

#### 3.42.1.1 hdr

```
xdc_runtime_Types_InstHdr hdr
```

#### 3.42.1.2 obj

```
ti_sysbios_knl_Clock_TimerProxy_Object__ obj
```

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.43 ti\_sysbios\_knl\_Queue\_\_\_S1 Struct Reference

### Data Fields

- [ti\\_sysbios\\_knl\\_Queue\\_Object2\\_\\_](#) `s0`
- `char` `c`

### 3.43.1 Field Documentation

#### 3.43.1.1 c

char c

#### 3.43.1.2 s0

ti\_sysbios\_knl\_Queue\_Object2\_\_ s0

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.44 ti\_sysbios\_knl\_Queue\_Module\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

### 3.44.1 Field Documentation

#### 3.44.1.1 link

xdc\_runtime\_Types\_Link link

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.45 ti\_sysbios\_knl\_Queue\_Object2\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_InstHdr [hdr](#)
- ti\_sysbios\_knl\_Queue\_Object\_\_ [obj](#)

### 3.45.1 Field Documentation

#### 3.45.1.1 hdr

xdc\_runtime\_Types\_InstHdr hdr

#### 3.45.1.2 obj

ti\_sysbios\_knl\_Queue\_Object\_\_ obj

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.46 ti\_sysbios\_knl\_Queue\_Object\_\_ Struct Reference

### Data Fields

- ti\_sysbios\_knl\_Queue\_Elem [elem](#)

### 3.46.1 Field Documentation

#### 3.46.1.1 elem

ti\_sysbios\_knl\_Queue\_Elem elem

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.47 ti\_sysbios\_knl\_Semaphore\_\_S1 Struct Reference

### Data Fields

- [ti\\_sysbios\\_knl\\_Semaphore\\_Object2\\_\\_s0](#)
- char [c](#)

### 3.47.1 Field Documentation

#### 3.47.1.1 c

`char c`

#### 3.47.1.2 s0

`ti_sysbios_knl_Semaphore_Object2__ s0`

The documentation for this struct was generated from the following file:

- `Debug/configPkg/package/cfg/PFinalMain_pem4f.c`

## 3.48 ti\_sysbios\_knl\_Semaphore\_Module\_\_ Struct Reference

### Data Fields

- `xdc_runtime_Types_Link` [link](#)

### 3.48.1 Field Documentation

#### 3.48.1.1 link

`xdc_runtime_Types_Link link`

The documentation for this struct was generated from the following file:

- `Debug/configPkg/package/cfg/PFinalMain_pem4f.c`

## 3.49 ti\_sysbios\_knl\_Semaphore\_Object2\_\_ Struct Reference

### Data Fields

- `xdc_runtime_Types_InstHdr` [hdr](#)
- `ti_sysbios_knl_Semaphore_Object__` [obj](#)



### 3.49.1 Field Documentation

#### 3.49.1.1 hdr

```
xdc_runtime_Types_InstHdr hdr
```

#### 3.49.1.2 obj

```
ti_sysbios_knl_Semaphore_Object__ obj
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.50 ti\_sysbios\_knl\_Semaphore\_Object\_\_ Struct Reference

### Data Fields

- ti\_sysbios\_knl\_Event\_Handle [event](#)
- xdc\_UInt [eventId](#)
- ti\_sysbios\_knl\_Semaphore\_Mode [mode](#)
- volatile xdc\_UInt16 [count](#)
- [ti\\_sysbios\\_knl\\_Queue\\_Object\\_\\_ Object\\_field\\_pendQ](#)

### 3.50.1 Field Documentation

#### 3.50.1.1 count

```
volatile xdc_UInt16 count
```

#### 3.50.1.2 event

```
ti_sysbios_knl_Event_Handle event
```

### 3.50.1.3 eventId

xdc\_UInt eventId

### 3.50.1.4 mode

ti\_sysbios\_knl\_Semaphore\_Mode mode

### 3.50.1.5 Object\_field\_pendQ

ti\_sysbios\_knl\_Queue\_Object\_\_ Object\_field\_pendQ

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.51 ti\_sysbios\_knl\_Swi\_\_\_S1 Struct Reference

### Data Fields

- [ti\\_sysbios\\_knl\\_Swi\\_Object2\\_\\_ s0](#)
- [char c](#)

### 3.51.1 Field Documentation

#### 3.51.1.1 c

char c

#### 3.51.1.2 s0

ti\_sysbios\_knl\_Swi\_Object2\_\_ s0

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.52 ti\_sysbios\_knl\_Swi\_Module\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

#### 3.52.1 Field Documentation

##### 3.52.1.1 link

xdc\_runtime\_Types\_Link link

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.53 ti\_sysbios\_knl\_Swi\_Module\_State\_\_ Struct Reference

### Data Fields

- volatile xdc\_Bool [locked](#)
- xdc\_UInt [curSet](#)
- xdc\_UInt [curTrigger](#)
- ti\_sysbios\_knl\_Swi\_Handle [curSwi](#)
- ti\_sysbios\_knl\_Queue\_Handle [curQ](#)
- \_\_TA\_ti\_sysbios\_knl\_Swi\_Module\_State\_\_readyQ [readyQ](#)
- \_\_TA\_ti\_sysbios\_knl\_Swi\_Module\_State\_\_constructedSwis [constructedSwis](#)

#### 3.53.1 Field Documentation

##### 3.53.1.1 constructedSwis

\_\_TA\_ti\_sysbios\_knl\_Swi\_Module\_State\_\_constructedSwis constructedSwis

##### 3.53.1.2 curQ

ti\_sysbios\_knl\_Queue\_Handle curQ

### 3.53.1.3 curSet

```
xdc_UInt curSet
```

### 3.53.1.4 curSwi

```
ti_sysbios_knl_Swi_Handle curSwi
```

### 3.53.1.5 curTrigger

```
xdc_UInt curTrigger
```

### 3.53.1.6 locked

```
volatile xdc_Bool locked
```

### 3.53.1.7 readyQ

```
__TA_ti_sysbios_knl_Swi_Module_State__readyQ readyQ
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.54 ti\_sysbios\_knl\_Swi\_Object2\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_InstHdr [hdr](#)
- [ti\\_sysbios\\_knl\\_Swi\\_Object\\_\\_obj](#)

### 3.54.1 Field Documentation

### 3.54.1.1 hdr

`xdc_runtime_Types_InstHdr` `hdr`

### 3.54.1.2 obj

`ti_sysbios_knl_Swi_Object__` `obj`

The documentation for this struct was generated from the following file:

- `Debug/configPkg/package/cfg/PFinalMain_pem4f.c`

## 3.55 ti\_sysbios\_knl\_Swi\_Object\_\_ Struct Reference

### Data Fields

- `ti_sysbios_knl_Queue_Elem` [qElem](#)
- `ti_sysbios_knl_Swi_FuncPtr` [fxn](#)
- `xdc_UArg` [arg0](#)
- `xdc_UArg` [arg1](#)
- `xdc_UInt` [priority](#)
- `xdc_UInt` [mask](#)
- `xdc_Bool` [posted](#)
- `xdc_UInt` [initTrigger](#)
- `xdc_UInt` [trigger](#)
- `ti_sysbios_knl_Queue_Handle` [readyQ](#)
- `__TA_ti_sysbios_knl_Swi_Instance_State__hookEnv` [hookEnv](#)

### 3.55.1 Field Documentation

#### 3.55.1.1 arg0

`xdc_UArg` `arg0`

#### 3.55.1.2 arg1

`xdc_UArg` `arg1`

### 3.55.1.3 fxn

ti\_sysbios\_knl\_Swi\_FuncPtr fxn

### 3.55.1.4 hookEnv

\_\_TA\_ti\_sysbios\_knl\_Swi\_Instance\_State\_\_hookEnv hookEnv

### 3.55.1.5 initTrigger

xdc\_UInt initTrigger

### 3.55.1.6 mask

xdc\_UInt mask

### 3.55.1.7 posted

xdc\_Bool posted

### 3.55.1.8 priority

xdc\_UInt priority

### 3.55.1.9 qElem

ti\_sysbios\_knl\_Queue\_Elem qElem

### 3.55.1.10 readyQ

ti\_sysbios\_knl\_Queue\_Handle readyQ

### 3.55.1.11 trigger

```
xdc_UInt trigger
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.56 ti\_sysbios\_knl\_Task\_\_\_S1 Struct Reference

### Data Fields

- [ti\\_sysbios\\_knl\\_Task\\_Object2\\_\\_ s0](#)
- char [c](#)

### 3.56.1 Field Documentation

#### 3.56.1.1 c

```
char c
```

#### 3.56.1.2 s0

```
ti_sysbios_knl_Task_Object2__ s0
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.57 ti\_sysbios\_knl\_Task\_Module\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

### 3.57.1 Field Documentation

### 3.57.1.1 link

```
xdc_runtime_Types_Link link
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.58 ti\_sysbios\_knl\_Task\_Module\_State\_\_ Struct Reference

### Data Fields

- volatile xdc\_Bool [locked](#)
- volatile xdc\_UInt [curSet](#)
- xdc\_Bool [workFlag](#)
- xdc\_UInt [vitalTasks](#)
- ti\_sysbios\_knl\_Task\_Handle [curTask](#)
- ti\_sysbios\_knl\_Queue\_Handle [curQ](#)
- \_\_TA\_ti\_sysbios\_knl\_Task\_Module\_State\_\_readyQ [readyQ](#)
- \_\_TA\_ti\_sysbios\_knl\_Task\_Module\_State\_\_smpCurSet [smpCurSet](#)
- \_\_TA\_ti\_sysbios\_knl\_Task\_Module\_State\_\_smpCurMask [smpCurMask](#)
- \_\_TA\_ti\_sysbios\_knl\_Task\_Module\_State\_\_smpCurTask [smpCurTask](#)
- \_\_TA\_ti\_sysbios\_knl\_Task\_Module\_State\_\_smpReadyQ [smpReadyQ](#)
- \_\_TA\_ti\_sysbios\_knl\_Task\_Module\_State\_\_idleTask [idleTask](#)
- \_\_TA\_ti\_sysbios\_knl\_Task\_Module\_State\_\_constructedTasks [constructedTasks](#)
- ti\_sysbios\_knl\_Queue\_Object\_\_Object\_field\_inactiveQ
- ti\_sysbios\_knl\_Queue\_Object\_\_Object\_field\_terminatedQ

### 3.58.1 Field Documentation

#### 3.58.1.1 constructedTasks

```
__TA_ti_sysbios_knl_Task_Module_State__constructedTasks constructedTasks
```

#### 3.58.1.2 curQ

```
ti_sysbios_knl_Queue_Handle curQ
```



### 3.58.1.3 curSet

```
volatile xdc_UInt curSet
```

### 3.58.1.4 curTask

```
ti_sysbios_knl_Task_Handle curTask
```

### 3.58.1.5 idleTask

```
__TA_ti_sysbios_knl_Task_Module_State__idleTask idleTask
```

### 3.58.1.6 locked

```
volatile xdc_Bool locked
```

### 3.58.1.7 Object\_field\_inactiveQ

```
ti_sysbios_knl_Queue_Object__ Object_field_inactiveQ
```

### 3.58.1.8 Object\_field\_terminatedQ

```
ti_sysbios_knl_Queue_Object__ Object_field_terminatedQ
```

### 3.58.1.9 readyQ

```
__TA_ti_sysbios_knl_Task_Module_State__readyQ readyQ
```

### 3.58.1.10 smpCurMask

```
__TA_ti_sysbios_knl_Task_Module_State__smpCurMask smpCurMask
```

### 3.58.1.11 smpCurSet

```
__TA_ti_sysbios_knl_Task_Module_State__smpCurSet smpCurSet
```

### 3.58.1.12 smpCurTask

```
__TA_ti_sysbios_knl_Task_Module_State__smpCurTask smpCurTask
```

### 3.58.1.13 smpReadyQ

```
__TA_ti_sysbios_knl_Task_Module_State__smpReadyQ smpReadyQ
```

### 3.58.1.14 vitalTasks

```
xdc_UInt vitalTasks
```

### 3.58.1.15 workFlag

```
xdc_Bool workFlag
```

The documentation for this struct was generated from the following file:

- [Debug/configPkg/package/cfg/PFinalMain\\_pem4f.c](#)

## 3.59 ti\_sysbios\_knl\_Task\_Object2\_\_ Struct Reference

### Data Fields

- [xdc\\_runtime\\_Types\\_InstHdr](#) [hdr](#)
- [ti\\_sysbios\\_knl\\_Task\\_Object\\_\\_](#) [obj](#)

### 3.59.1 Field Documentation

### 3.59.1.1 hdr

```
xdc_runtime_Types_InstHdr hdr
```

### 3.59.1.2 obj

```
ti_sysbios_knl_Task_Object__ obj
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/PFinalMain\_pem4f.c

## 3.60 ti\_sysbios\_knl\_Task\_Object\_\_ Struct Reference

### Data Fields

- ti\_sysbios\_knl\_Queue\_Elem [qElem](#)
- volatile xdc\_Int [priority](#)
- xdc\_UInt [mask](#)
- xdc\_Ptr [context](#)
- ti\_sysbios\_knl\_Task\_Mode [mode](#)
- ti\_sysbios\_knl\_Task\_PendElem \* [pendElem](#)
- xdc\_SizeT [stackSize](#)
- \_\_TA\_ti\_sysbios\_knl\_Task\_Instance\_State\_\_stack [stack](#)
- xdc\_runtime\_IHeap\_Handle [stackHeap](#)
- ti\_sysbios\_knl\_Task\_FuncPtr [fxn](#)
- xdc\_UArg [arg0](#)
- xdc\_UArg [arg1](#)
- xdc\_Ptr [env](#)
- \_\_TA\_ti\_sysbios\_knl\_Task\_Instance\_State\_\_hookEnv [hookEnv](#)
- xdc\_Bool [vitalTaskFlag](#)
- ti\_sysbios\_knl\_Queue\_Handle [readyQ](#)
- xdc\_UInt [curCoreId](#)
- xdc\_UInt [affinity](#)

### 3.60.1 Field Documentation

#### 3.60.1.1 affinity

```
xdc_UInt affinity
```

**3.60.1.2 arg0**

`xdc_UArg arg0`

**3.60.1.3 arg1**

`xdc_UArg arg1`

**3.60.1.4 context**

`xdc_Ptr context`

**3.60.1.5 curCoreId**

`xdc_UInt curCoreId`

**3.60.1.6 env**

`xdc_Ptr env`

**3.60.1.7 fxn**

`ti_sysbios_knl_Task_FuncPtr fxn`

**3.60.1.8 hookEnv**

`__TA_ti_sysbios_knl_Task_Instance_State__hookEnv hookEnv`

**3.60.1.9 mask**

`xdc_UInt mask`

**3.60.1.10 mode**

```
ti_sysbios_knl_Task_Mode mode
```

**3.60.1.11 pendElem**

```
ti_sysbios_knl_Task_PendElem* pendElem
```

**3.60.1.12 priority**

```
volatile xdc_Int priority
```

**3.60.1.13 qElem**

```
ti_sysbios_knl_Queue_Elem qElem
```

**3.60.1.14 readyQ**

```
ti_sysbios_knl_Queue_Handle readyQ
```

**3.60.1.15 stack**

```
__TA_ti_sysbios_knl_Task_Instance_State__stack stack
```

**3.60.1.16 stackHeap**

```
xdc_runtime_IHeap_Handle stackHeap
```

**3.60.1.17 stackSize**

```
xdc_SizeT stackSize
```

### 3.60.1.18 vitalTaskFlag

```
xdc_Bool vitalTaskFlag
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.61 xdc\_runtime\_Error\_Module\_State\_\_ Struct Reference

### Data Fields

- xdc\_UInt16 [count](#)

### 3.61.1 Field Documentation

#### 3.61.1.1 count

```
xdc_UInt16 count
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.62 xdc\_runtime\_Main\_Module\_GateProxy\_Module\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

### 3.62.1 Field Documentation

#### 3.62.1.1 link

```
xdc_runtime_Types_Link link
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.63 xdc\_runtime\_Main\_Module\_GateProxy\_Object2\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_InstHdr [hdr](#)
- [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Object\\_\\_](#) obj

#### 3.63.1 Field Documentation

##### 3.63.1.1 `hdr`

`xdc_runtime_Types_InstHdr` `hdr`

##### 3.63.1.2 `obj`

[xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Object\\_\\_](#) `obj`

The documentation for this struct was generated from the following file:

- `Debug/configPkg/package/cfg/PFinalMain_pem4f.c`

## 3.64 xdc\_runtime\_Memory\_HeapProxy\_Module\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

#### 3.64.1 Field Documentation

##### 3.64.1.1 `link`

`xdc_runtime_Types_Link` `link`

The documentation for this struct was generated from the following file:

- `Debug/configPkg/package/cfg/PFinalMain_pem4f.c`

## 3.65 xdc\_runtime\_Memory\_HeapProxy\_Object2\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_InstHdr [hdr](#)
- [xdc\\_runtime\\_Memory\\_HeapProxy\\_Object\\_\\_](#) obj

### 3.65.1 Field Documentation

#### 3.65.1.1 [hdr](#)

`xdc_runtime_Types_InstHdr` [hdr](#)

#### 3.65.1.2 [obj](#)

[xdc\\_runtime\\_Memory\\_HeapProxy\\_Object\\_\\_](#) [obj](#)

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.66 xdc\_runtime\_Memory\_Module\_State\_\_ Struct Reference

### Data Fields

- xdc\_SizeT [maxDefaultTypeAlign](#)

### 3.66.1 Field Documentation

#### 3.66.1.1 [maxDefaultTypeAlign](#)

`xdc_SizeT` [maxDefaultTypeAlign](#)

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)



## 3.67 xdc\_runtime\_Registry\_Module\_State\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Registry\_Desc \* [listHead](#)
- xdc\_runtime\_Types\_ModuleId [curId](#)

### 3.67.1 Field Documentation

#### 3.67.1.1 curId

```
xdc_runtime_Types_ModuleId curId
```

#### 3.67.1.2 listHead

```
xdc_runtime_Registry_Desc* listHead
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.68 xdc\_runtime\_Startup\_Module\_State\_\_ Struct Reference

### Data Fields

- xdc\_Int \* [stateTab](#)
- xdc\_Bool [execFlag](#)
- xdc\_Bool [rtsDoneFlag](#)

### 3.68.1 Field Documentation

#### 3.68.1.1 execFlag

```
xdc_Bool execFlag
```

### 3.68.1.2 rtsDoneFlag

```
xdc_Bool rtsDoneFlag
```

### 3.68.1.3 stateTab

```
xdc_Int* stateTab
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.69 xdc\_runtime\_SysMin\_Module\_State\_\_ Struct Reference

### Data Fields

- \_\_TA\_xdc\_runtime\_SysMin\_Module\_State\_\_outbuf [outbuf](#)
- xdc\_UInt [outidx](#)
- xdc\_Bool [wrapped](#)

### 3.69.1 Field Documentation

#### 3.69.1.1 outbuf

```
__TA_xdc_runtime_SysMin_Module_State__outbuf outbuf
```

#### 3.69.1.2 outidx

```
xdc_UInt outidx
```

#### 3.69.1.3 wrapped

```
xdc_Bool wrapped
```

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.70 xdc\_runtime\_System\_Module\_GateProxy\_Module\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_Link [link](#)

#### 3.70.1 Field Documentation

##### 3.70.1.1 link

xdc\_runtime\_Types\_Link link

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.71 xdc\_runtime\_System\_Module\_GateProxy\_Object2\_\_ Struct Reference

### Data Fields

- xdc\_runtime\_Types\_InstHdr [hdr](#)
- [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Object\\_\\_ obj](#)

#### 3.71.1 Field Documentation

##### 3.71.1.1 hdr

xdc\_runtime\_Types\_InstHdr hdr

##### 3.71.1.2 obj

[xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Object\\_\\_](#) obj

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.72 xdc\_runtime\_System\_Module\_State\_\_ Struct Reference

### Data Fields

- \_\_TA\_xdc\_runtime\_System\_Module\_State\_\_atexitHandlers [atexitHandlers](#)
- xdc\_Int [numAtexitHandlers](#)

### 3.72.1 Field Documentation

#### 3.72.1.1 atexitHandlers

`__TA_xdc_runtime_System_Module_State__atexitHandlers atexitHandlers`

#### 3.72.1.2 numAtexitHandlers

`xdc_Int numAtexitHandlers`

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## 3.73 xdc\_runtime\_Text\_Module\_State\_\_ Struct Reference

### Data Fields

- xdc\_CPtr [charBase](#)
- xdc\_CPtr [nodeBase](#)

### 3.73.1 Field Documentation

#### 3.73.1.1 charBase

`xdc_CPtr charBase`

#### 3.73.1.2 nodeBase

`xdc_CPtr nodeBase`

The documentation for this struct was generated from the following file:

- Debug/configPkg/package/cfg/[PFinalMain\\_pem4f.c](#)

## Chapter 4

# File Documentation

### 4.1 Board.h File Reference

```
#include "EK_TM4C129EXL.h"
```

#### Macros

- `#define Board_initEMAC EK_TM4C129EXL_initEMAC`
- `#define Board_initGeneral EK_TM4C129EXL_initGeneral`
- `#define Board_initGPIO EK_TM4C129EXL_initGPIO`
- `#define Board_initI2C EK_TM4C129EXL_initI2C`
- `#define Board_initPWM EK_TM4C129EXL_initPWM`
- `#define Board_initSDSPI EK_TM4C129EXL_initSDSPI`
- `#define Board_initSPI EK_TM4C129EXL_initSPI`
- `#define Board_initUART EK_TM4C129EXL_initUART`
- `#define Board_initUSB EK_TM4C129EXL_initUSB`
- `#define Board_initUSBMSCHFatFs EK_TM4C129EXL_initUSBMSCHFatFs`
- `#define Board_initWatchdog EK_TM4C129EXL_initWatchdog`
- `#define Board_initWiFi EK_TM4C129EXL_initWiFi`
- `#define Board_LED_ON EK_TM4C129EXL_LED_ON`
- `#define Board_LED_OFF EK_TM4C129EXL_LED_OFF`
- `#define Board_LED0 EK_TM4C129EXL_D1`
- `#define Board_LED1 EK_TM4C129EXL_D2`
- `#define Board_LED2 EK_TM4C129EXL_D2`
- `#define Board_BUTTON0 EK_TM4C129EXL_USR_SW1`
- `#define Board_BUTTON1 EK_TM4C129EXL_USR_SW2`
- `#define Board_I2C0 EK_TM4C129EXL_I2C7`
- `#define Board_I2C1 EK_TM4C129EXL_I2C8`
- `#define Board_I2C_TMP EK_TM4C129EXL_I2C7`
- `#define Board_I2C_NFC EK_TM4C129EXL_I2C7`
- `#define Board_I2C_TPL0401 EK_TM4C129EXL_I2C7`
- `#define Board_PWM0 EK_TM4C129EXL_PWM0`
- `#define Board_PWM1 EK_TM4C129EXL_PWM0`
- `#define Board_SDSPI0 EK_TM4C129EXL_SDSPI0`
- `#define Board_SDSPI1 EK_TM4C129EXL_SDSPI1`
- `#define Board_SPI0 EK_TM4C129EXL_SPI2`

- `#define Board_SPI1 EK_TM4C129EXL_SPI3`
- `#define Board_USBMSCHFatFs0 EK_TM4C129EXL_USBMSCHFatFs0`
- `#define Board_USBHOST EK_TM4C129EXL_USBHOST`
- `#define Board_USBDEVICE EK_TM4C129EXL_USBDEVICE`
- `#define Board_UART0 EK_TM4C129EXL_UART0`
- `#define Board_WATCHDOG0 EK_TM4C129EXL_WATCHDOG0`
- `#define Board_WIFI EK_TM4C129EXL_WIFI`
- `#define Board_WIFI_SPI EK_TM4C129EXL_SPI2`
- `#define Board_TMP006_ADDR (0x40)`
- `#define Board_RF430CL330_ADDR (0x28)`
- `#define Board_TPL0401_ADDR (0x40)`

## 4.1.1 Macro Definition Documentation

### 4.1.1.1 Board\_BUTTON0

```
#define Board_BUTTON0 EK_TM4C129EXL_USR_SW1
```

### 4.1.1.2 Board\_BUTTON1

```
#define Board_BUTTON1 EK_TM4C129EXL_USR_SW2
```

### 4.1.1.3 Board\_I2C0

```
#define Board_I2C0 EK_TM4C129EXL_I2C7
```

### 4.1.1.4 Board\_I2C1

```
#define Board_I2C1 EK_TM4C129EXL_I2C8
```

### 4.1.1.5 Board\_I2C\_NFC

```
#define Board_I2C_NFC EK_TM4C129EXL_I2C7
```

#### 4.1.1.6 Board\_I2C\_TMP

```
#define Board_I2C_TMP EK_TM4C129EXL_I2C7
```

#### 4.1.1.7 Board\_I2C\_TPL0401

```
#define Board_I2C_TPL0401 EK_TM4C129EXL_I2C7
```

#### 4.1.1.8 Board\_initEMAC

```
#define Board_initEMAC EK_TM4C129EXL_initEMAC
```

#### 4.1.1.9 Board\_initGeneral

```
#define Board_initGeneral EK_TM4C129EXL_initGeneral
```

#### 4.1.1.10 Board\_initGPIO

```
#define Board_initGPIO EK_TM4C129EXL_initGPIO
```

#### 4.1.1.11 Board\_initI2C

```
#define Board_initI2C EK_TM4C129EXL_initI2C
```

#### 4.1.1.12 Board\_initPWM

```
#define Board_initPWM EK_TM4C129EXL_initPWM
```

#### 4.1.1.13 Board\_initSDSPI

```
#define Board_initSDSPI EK_TM4C129EXL_initSDSPI
```

#### 4.1.1.14 Board\_initSPI

```
#define Board_initSPI EK_TM4C129EXL_initSPI
```

#### 4.1.1.15 Board\_initUART

```
#define Board_initUART EK_TM4C129EXL_initUART
```

#### 4.1.1.16 Board\_initUSB

```
#define Board_initUSB EK_TM4C129EXL_initUSB
```

#### 4.1.1.17 Board\_initUSBMSCHFatFs

```
#define Board_initUSBMSCHFatFs EK_TM4C129EXL_initUSBMSCHFatFs
```

#### 4.1.1.18 Board\_initWatchdog

```
#define Board_initWatchdog EK_TM4C129EXL_initWatchdog
```

#### 4.1.1.19 Board\_initWiFi

```
#define Board_initWiFi EK_TM4C129EXL_initWiFi
```

#### 4.1.1.20 Board\_LED0

```
#define Board_LED0 EK_TM4C129EXL_D1
```

#### 4.1.1.21 Board\_LED1

```
#define Board_LED1 EK_TM4C129EXL_D2
```



#### 4.1.1.22 Board\_LED2

```
#define Board_LED2 EK_TM4C129EXL_D2
```

#### 4.1.1.23 Board\_LED\_OFF

```
#define Board_LED_OFF EK_TM4C129EXL_LED_OFF
```

#### 4.1.1.24 Board\_LED\_ON

```
#define Board_LED_ON EK_TM4C129EXL_LED_ON
```

#### 4.1.1.25 Board\_PWM0

```
#define Board_PWM0 EK_TM4C129EXL_PWM0
```

#### 4.1.1.26 Board\_PWM1

```
#define Board_PWM1 EK_TM4C129EXL_PWM0
```

#### 4.1.1.27 Board\_RF430CL330\_ADDR

```
#define Board_RF430CL330_ADDR (0x28)
```

#### 4.1.1.28 Board\_SDSPi0

```
#define Board_SDSPi0 EK_TM4C129EXL_SDSPi0
```

#### 4.1.1.29 Board\_SDSPi1

```
#define Board_SDSPi1 EK_TM4C129EXL_SDSPi1
```

#### 4.1.1.30 Board\_SPI0

```
#define Board_SPI0 EK_TM4C129EXL_SPI2
```

#### 4.1.1.31 Board\_SPI1

```
#define Board_SPI1 EK_TM4C129EXL_SPI3
```

#### 4.1.1.32 Board\_TMP006\_ADDR

```
#define Board_TMP006_ADDR (0x40)
```

#### 4.1.1.33 Board\_TPL0401\_ADDR

```
#define Board_TPL0401_ADDR (0x40)
```

#### 4.1.1.34 Board\_UART0

```
#define Board_UART0 EK_TM4C129EXL_UART0
```

#### 4.1.1.35 Board\_USBDEVICE

```
#define Board_USBDEVICE EK_TM4C129EXL_USBDEVICE
```

#### 4.1.1.36 Board\_USBHOST

```
#define Board_USBHOST EK_TM4C129EXL_USBHOST
```

#### 4.1.1.37 Board\_USBMSCHFatFs0

```
#define Board_USBMSCHFatFs0 EK_TM4C129EXL_USBMSCHFatFs0
```

**4.1.1.38 Board\_WATCHDOG0**

```
#define Board_WATCHDOG0 EK_TM4C129EXL_WATCHDOG0
```

**4.1.1.39 Board\_WIFI**

```
#define Board_WIFI EK_TM4C129EXL_WIFI
```

**4.1.1.40 Board\_WIFI\_SPI**

```
#define Board_WIFI_SPI EK_TM4C129EXL_SPI2
```

**4.2 Board.h**

[Go to the documentation of this file.](#)

```
1 /*
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4  *
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22 * THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
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26 * PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
27 * OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
28 * WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
29 * OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE,
30 * EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
31 */
32
33 #ifndef __BOARD_H
34 #define __BOARD_H
35
36 #ifdef __cplusplus
37 extern "C" {
38 #endif
39
40 #include "EK_TM4C129EXL.h"
41
42 #define Board_initEMAC EK_TM4C129EXL_initEMAC
43 #define Board_initGeneral EK_TM4C129EXL_initGeneral
44 #define Board_initGPIO EK_TM4C129EXL_initGPIO
45 #define Board_initI2C EK_TM4C129EXL_initI2C
46 #define Board_initPWM EK_TM4C129EXL_initPWM
47 #define Board_initSDSPI EK_TM4C129EXL_initSDSPI
48 #define Board_initSPI EK_TM4C129EXL_initSPI
49 #define Board_initUART EK_TM4C129EXL_initUART
```

```

50 #define Board_initUSB          EK_TM4C129EXL_initUSB
51 #define Board_initUSBMSCHFatFs EK_TM4C129EXL_initUSBMSCHFatFs
52 #define Board_initWatchdog     EK_TM4C129EXL_initWatchdog
53 #define Board_initWiFi         EK_TM4C129EXL_initWiFi
54
55 #define Board_LED_ON           EK_TM4C129EXL_LED_ON
56 #define Board_LED_OFF         EK_TM4C129EXL_LED_OFF
57 #define Board_LED0             EK_TM4C129EXL_D1
58 #define Board_LED1             EK_TM4C129EXL_D2
59 #define Board_LED2             EK_TM4C129EXL_D2
60 #define Board_BUTTON0          EK_TM4C129EXL_USR_SW1
61 #define Board_BUTTON1          EK_TM4C129EXL_USR_SW2
62
63 #define Board_I2C0              EK_TM4C129EXL_I2C7
64 #define Board_I2C1              EK_TM4C129EXL_I2C8
65 #define Board_I2C_TMP           EK_TM4C129EXL_I2C7
66 #define Board_I2C_NFC           EK_TM4C129EXL_I2C7
67 #define Board_I2C_TPL0401       EK_TM4C129EXL_I2C7
68
69 #define Board_PWM0              EK_TM4C129EXL_PWM0
70 #define Board_PWM1              EK_TM4C129EXL_PWM0
71
72 #define Board_SDSPI0            EK_TM4C129EXL_SDSPI0
73 #define Board_SDSPI1            EK_TM4C129EXL_SDSPI1
74
75 #define Board_SPI0              EK_TM4C129EXL_SPI2
76 #define Board_SPI1              EK_TM4C129EXL_SPI3
77
78 #define Board_USBMSCHFatFs0     EK_TM4C129EXL_USBMSCHFatFs0
79
80 #define Board_USBHOST           EK_TM4C129EXL_USBHOST
81 #define Board_USBDEVICE         EK_TM4C129EXL_USBDEVICE
82
83 #define Board_UART0             EK_TM4C129EXL_UART0
84
85 #define Board_WATCHDOG0         EK_TM4C129EXL_WATCHDOG0
86
87 #define Board_WIFI              EK_TM4C129EXL_WIFI
88 #define Board_WIFI_SPI          EK_TM4C129EXL_SPI2
89
90 /* Board specific I2C addresses */
91 #define Board_TMP006_ADDR        (0x40)
92 #define Board_RF430CL330_ADDR    (0x28)
93 #define Board_TPL0401_ADDR       (0x40)
94
95 #ifdef __cplusplus
96 }
97 #endif
98
99 #endif /* __BOARD_H */

```

### 4.3 Debug/configPkg/package/cfg/PFinalMain\_pem4f.c File Reference

```

#include <xdc/std.h>
#include <ti/catalog/arm/cortexm4/tiva/ce/Boot.h>
#include <ti/sysbios/BIOS.h>
#include <ti/sysbios/family/arm/lm4/Timer.h>
#include <ti/sysbios/family/arm/m3/Hwi.h>
#include <ti/sysbios/family/arm/m3/IntrinsicsSupport.h>
#include <ti/sysbios/family/arm/m3/TaskSupport.h>
#include <ti/sysbios/gates/GateHwi.h>
#include <ti/sysbios/gates/GateMutex.h>
#include <ti/sysbios/hal/Hwi.h>
#include <ti/sysbios/heap/HeapMem.h>
#include <ti/sysbios/knl/Clock.h>
#include <ti/sysbios/knl/Idle.h>
#include <ti/sysbios/knl/Intrinsics.h>
#include <ti/sysbios/knl/Queue.h>
#include <ti/sysbios/knl/Semaphore.h>
#include <ti/sysbios/knl/Swi.h>
#include <ti/sysbios/knl/Task.h>
#include <xdc/runtime/Assert.h>

```

```

#include <xdc/runtime/Core.h>
#include <xdc/runtime/Defaults.h>
#include <xdc/runtime/Diags.h>
#include <xdc/runtime/Error.h>
#include <xdc/runtime/Gate.h>
#include <xdc/runtime/Log.h>
#include <xdc/runtime/Main.h>
#include <xdc/runtime/Memory.h>
#include <xdc/runtime/Registry.h>
#include <xdc/runtime/Startup.h>
#include <xdc/runtime/SysMin.h>
#include <xdc/runtime/System.h>
#include <xdc/runtime/Text.h>
#include <limits.h>
#include <xdc/runtime/Types.h>
#include <xdc/runtime/System__internal.h>
#include <stdio.h>
#include <_lock.h>
#include <string.h>

```

## Data Structures

- struct [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Queue\\_Object\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Queue\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Semaphore\\_Object\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Semaphore\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_gates\\_GateMutex\\_Object\\_\\_](#)
- struct [ti\\_sysbios\\_gates\\_GateMutex\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Object\\_\\_](#)
- struct [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object\\_\\_](#)
- struct [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_gates\\_GateHwi\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_gates\\_GateHwi\\_Object\\_\\_](#)
- struct [ti\\_sysbios\\_gates\\_GateHwi\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_gates\\_GateMutex\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_hal\\_Hwi\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_hal\\_Hwi\\_Object\\_\\_](#)
- struct [ti\\_sysbios\\_hal\\_Hwi\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_heaps\\_HeapMem\\_Object\\_\\_](#)
- struct [ti\\_sysbios\\_heaps\\_HeapMem\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Clock\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Clock\\_Object\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Clock\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Module\\_\\_](#)

- struct [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Queue\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Swi\\_Object\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Swi\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Task\\_Object\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Task\\_Object2\\_\\_](#)
- struct [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Module\\_\\_](#)
- struct [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Object2\\_\\_](#)
- struct [xdc\\_runtime\\_Memory\\_HeapProxy\\_Module\\_\\_](#)
- struct [xdc\\_runtime\\_Memory\\_HeapProxy\\_Object2\\_\\_](#)
- struct [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Module\\_\\_](#)
- struct [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Object2\\_\\_](#)
- struct [ti\\_sysbios\\_BIOS\\_Module\\_State\\_\\_](#)
- struct [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Module\\_State\\_\\_](#)
- struct [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_State\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Clock\\_Module\\_State\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Swi\\_Module\\_State\\_\\_](#)
- struct [ti\\_sysbios\\_knl\\_Task\\_Module\\_State\\_\\_](#)
- struct [xdc\\_runtime\\_Error\\_Module\\_State\\_\\_](#)
- struct [xdc\\_runtime\\_Memory\\_Module\\_State\\_\\_](#)
- struct [xdc\\_runtime\\_Registry\\_Module\\_State\\_\\_](#)
- struct [xdc\\_runtime\\_Startup\\_Module\\_State\\_\\_](#)
- struct [xdc\\_runtime\\_SysMin\\_Module\\_State\\_\\_](#)
- struct [xdc\\_runtime\\_System\\_Module\\_State\\_\\_](#)
- struct [xdc\\_runtime\\_Text\\_Module\\_State\\_\\_](#)
- union [Header](#)
- struct [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_\\_S1](#)
- struct [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_\\_S1](#)
- struct [ti\\_sysbios\\_gates\\_GateHwi\\_\\_S1](#)
- struct [ti\\_sysbios\\_gates\\_GateMutex\\_\\_S1](#)
- struct [ti\\_sysbios\\_hal\\_Hwi\\_\\_S1](#)
- struct [ti\\_sysbios\\_heaps\\_HeapMem\\_\\_S1](#)
- struct [ti\\_sysbios\\_knl\\_Clock\\_\\_S1](#)
- struct [ti\\_sysbios\\_knl\\_Queue\\_\\_S1](#)
- struct [ti\\_sysbios\\_knl\\_Semaphore\\_\\_S1](#)
- struct [ti\\_sysbios\\_knl\\_Swi\\_\\_S1](#)
- struct [ti\\_sysbios\\_knl\\_Task\\_\\_S1](#)

## Macros

- [#define \\_\\_nested\\_\\_](#)
- [#define \\_\\_config\\_\\_](#)
- [#define ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_\\_ParamsPtr xdc\\_Ptr](#)
- [#define ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_\\_ParamsPtr xdc\\_Ptr](#)
- [#define ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_\\_ParamsPtr xdc\\_Ptr](#)
- [#define ti\\_sysbios\\_gates\\_GateHwi\\_\\_ParamsPtr xdc\\_Ptr](#)
- [#define ti\\_sysbios\\_gates\\_GateMutex\\_\\_ParamsPtr xdc\\_Ptr](#)
- [#define ti\\_sysbios\\_hal\\_Hwi\\_\\_ParamsPtr xdc\\_Ptr](#)
- [#define ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_\\_ParamsPtr xdc\\_Ptr](#)
- [#define ti\\_sysbios\\_heaps\\_HeapMem\\_\\_ParamsPtr xdc\\_Ptr](#)
- [#define ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_\\_ParamsPtr xdc\\_Ptr](#)

- #define [ti\\_sysbios\\_knl\\_Clock\\_\\_\\_ParamsPtr](#) xdc\_Ptr
- #define [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_\\_\\_ParamsPtr](#) xdc\_Ptr
- #define [ti\\_sysbios\\_knl\\_Queue\\_\\_\\_ParamsPtr](#) xdc\_Ptr
- #define [ti\\_sysbios\\_knl\\_Semaphore\\_\\_\\_ParamsPtr](#) xdc\_Ptr
- #define [ti\\_sysbios\\_knl\\_Swi\\_\\_\\_ParamsPtr](#) xdc\_Ptr
- #define [ti\\_sysbios\\_knl\\_Task\\_\\_\\_ParamsPtr](#) xdc\_Ptr
- #define [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_\\_\\_ParamsPtr](#) xdc\_Ptr
- #define [xdc\\_runtime\\_Memory\\_HeapProxy\\_\\_\\_ParamsPtr](#) xdc\_Ptr
- #define [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_\\_\\_ParamsPtr](#) xdc\_Ptr
- #define [ATTRIBUTE](#) \_\_attribute\_\_((used))
- #define [Module\\_\\_MID](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_id\_C
- #define [Module\\_\\_DGSINCL](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_diagsIncluded\_C
- #define [Module\\_\\_DGSENAB](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_diagsEnabled\_C
- #define [Module\\_\\_DGSMASK](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_diagsMask\_C
- #define [Module\\_\\_LOGDEF](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_loggerDefined\_C
- #define [Module\\_\\_LOGOBJ](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_loggerObj\_C
- #define [Module\\_\\_LOGFXN0](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_loggerFxn0\_C
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- #define [Module\\_\\_LOGFXN4](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_loggerFxn4\_C
- #define [Module\\_\\_LOGFXN8](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_loggerFxn8\_C
- #define [Module\\_\\_G\\_OBJ](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_gateObj\_C
- #define [Module\\_\\_G\\_PRMS](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_gatePrms\_C
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- #define [Module\\_\\_GP\\_query](#) ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_GateProxy\_query
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- #define [Module\\_\\_LOGFXN4](#) ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_loggerFxn4\_C
- #define [Module\\_\\_LOGFXN8](#) ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_loggerFxn8\_C
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- #define [Module\\_\\_DGSENAB](#) ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_diagsEnabled\_C
- #define [Module\\_\\_DGSMASK](#) ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_diagsMask\_C
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- #define [Module\\_\\_LOGFXN2](#) ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_loggerFxn2\_C

- #define [Module\\_\\_LOGFXN4 ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_\\_loggerFxn4\\_\\_C](#)
- #define [Module\\_\\_LOGFXN8 ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_\\_loggerFxn8\\_\\_C](#)
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- #define [Module\\_\\_GP\\_leave ti\\_sysbios\\_gates\\_GateHwi\\_Module\\_GateProxy\\_leave](#)
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- #define [Module\\_\\_GP\\_leave ti\\_sysbios\\_gates\\_GateMutex\\_Module\\_GateProxy\\_leave](#)
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- #define [Module\\_\\_LOGFXN8 ti\\_sysbios\\_hal\\_Hwi\\_Module\\_loggerFxn8\\_\\_C](#)
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- #define [Module\\_\\_G\\_PRMS ti\\_sysbios\\_hal\\_Hwi\\_Module\\_gatePrms\\_\\_C](#)
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- #define [Module\\_\\_GP\\_enter ti\\_sysbios\\_hal\\_Hwi\\_Module\\_GateProxy\\_enter](#)
- #define [Module\\_\\_GP\\_leave ti\\_sysbios\\_hal\\_Hwi\\_Module\\_GateProxy\\_leave](#)
- #define [Module\\_\\_GP\\_query ti\\_sysbios\\_hal\\_Hwi\\_Module\\_GateProxy\\_query](#)
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- #define [Module\\_\\_DGSENAB ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_\\_diagsEnabled\\_\\_C](#)
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- #define [Module\\_\\_LOGFXN2 ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_\\_loggerFxn2\\_\\_C](#)
- #define [Module\\_\\_LOGFXN4 ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_\\_loggerFxn4\\_\\_C](#)
- #define [Module\\_\\_LOGFXN8 ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_\\_loggerFxn8\\_\\_C](#)
- #define [Module\\_\\_G\\_OBJ ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_gateObj\\_\\_C](#)
- #define [Module\\_\\_G\\_PRMS ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_gatePrms\\_\\_C](#)
- #define [Module\\_\\_GP\\_create ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_GateProxy\\_create](#)
- #define [Module\\_\\_GP\\_delete ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_GateProxy\\_delete](#)
- #define [Module\\_\\_GP\\_enter ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_GateProxy\\_enter](#)
- #define [Module\\_\\_GP\\_leave ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_GateProxy\\_leave](#)
- #define [Module\\_\\_GP\\_query ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_GateProxy\\_query](#)
- #define [Module\\_\\_MID ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_id\\_\\_C](#)
- #define [Module\\_\\_DGSINCL ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_diagsIncluded\\_\\_C](#)
- #define [Module\\_\\_DGSENAB ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_diagsEnabled\\_\\_C](#)
- #define [Module\\_\\_DGSMASK ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_diagsMask\\_\\_C](#)
- #define [Module\\_\\_LOGDEF ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_loggerDefined\\_\\_C](#)
- #define [Module\\_\\_LOGOBJ ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_loggerObj\\_\\_C](#)
- #define [Module\\_\\_LOGFXN0 ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_loggerFxn0\\_\\_C](#)
- #define [Module\\_\\_LOGFXN1 ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_loggerFxn1\\_\\_C](#)
- #define [Module\\_\\_LOGFXN2 ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_loggerFxn2\\_\\_C](#)
- #define [Module\\_\\_LOGFXN4 ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_loggerFxn4\\_\\_C](#)
- #define [Module\\_\\_LOGFXN8 ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_loggerFxn8\\_\\_C](#)
- #define [Module\\_\\_G\\_OBJ ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_gateObj\\_\\_C](#)
- #define [Module\\_\\_G\\_PRMS ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_gatePrms\\_\\_C](#)
- #define [Module\\_\\_GP\\_create ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_create](#)
- #define [Module\\_\\_GP\\_delete ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_delete](#)
- #define [Module\\_\\_GP\\_enter ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_enter](#)
- #define [Module\\_\\_GP\\_leave ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_leave](#)
- #define [Module\\_\\_GP\\_query ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_query](#)
- #define [Module\\_\\_MID ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_id\\_\\_C](#)
- #define [Module\\_\\_DGSINCL ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_diagsIncluded\\_\\_C](#)
- #define [Module\\_\\_DGSENAB ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_diagsEnabled\\_\\_C](#)
- #define [Module\\_\\_DGSMASK ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_diagsMask\\_\\_C](#)
- #define [Module\\_\\_LOGDEF ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_loggerDefined\\_\\_C](#)
- #define [Module\\_\\_LOGOBJ ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_loggerObj\\_\\_C](#)
- #define [Module\\_\\_LOGFXN0 ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_loggerFxn0\\_\\_C](#)
- #define [Module\\_\\_LOGFXN1 ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_loggerFxn1\\_\\_C](#)
- #define [Module\\_\\_LOGFXN2 ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_loggerFxn2\\_\\_C](#)
- #define [Module\\_\\_LOGFXN4 ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_loggerFxn4\\_\\_C](#)

- #define [Module\\_\\_LOGFXN8](#) ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_loggerFxn8\_\_C
- #define [Module\\_\\_G\\_OBJ](#) ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_gateObj\_\_C
- #define [Module\\_\\_G\\_PRMS](#) ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_gatePrms\_\_C
- #define [Module\\_\\_GP\\_create](#) ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_GateProxy\_create
- #define [Module\\_\\_GP\\_delete](#) ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_GateProxy\_delete
- #define [Module\\_\\_GP\\_enter](#) ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_GateProxy\_enter
- #define [Module\\_\\_GP\\_leave](#) ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_GateProxy\_leave
- #define [Module\\_\\_GP\\_query](#) ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_GateProxy\_query
- #define [Module\\_\\_MID](#) ti\_sysbios\_knl\_Clock\_Module\_\_id\_\_C
- #define [Module\\_\\_DGSINCL](#) ti\_sysbios\_knl\_Clock\_Module\_\_diagsIncluded\_\_C
- #define [Module\\_\\_DGSENAB](#) ti\_sysbios\_knl\_Clock\_Module\_\_diagsEnabled\_\_C
- #define [Module\\_\\_DGSMASK](#) ti\_sysbios\_knl\_Clock\_Module\_\_diagsMask\_\_C
- #define [Module\\_\\_LOGDEF](#) ti\_sysbios\_knl\_Clock\_Module\_\_loggerDefined\_\_C
- #define [Module\\_\\_LOGOBJ](#) ti\_sysbios\_knl\_Clock\_Module\_\_loggerObj\_\_C
- #define [Module\\_\\_LOGFXN0](#) ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn0\_\_C
- #define [Module\\_\\_LOGFXN1](#) ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn1\_\_C
- #define [Module\\_\\_LOGFXN2](#) ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn2\_\_C
- #define [Module\\_\\_LOGFXN4](#) ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn4\_\_C
- #define [Module\\_\\_LOGFXN8](#) ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn8\_\_C
- #define [Module\\_\\_G\\_OBJ](#) ti\_sysbios\_knl\_Clock\_Module\_\_gateObj\_\_C
- #define [Module\\_\\_G\\_PRMS](#) ti\_sysbios\_knl\_Clock\_Module\_\_gatePrms\_\_C
- #define [Module\\_\\_GP\\_create](#) ti\_sysbios\_knl\_Clock\_Module\_\_GateProxy\_create
- #define [Module\\_\\_GP\\_delete](#) ti\_sysbios\_knl\_Clock\_Module\_\_GateProxy\_delete
- #define [Module\\_\\_GP\\_enter](#) ti\_sysbios\_knl\_Clock\_Module\_\_GateProxy\_enter
- #define [Module\\_\\_GP\\_leave](#) ti\_sysbios\_knl\_Clock\_Module\_\_GateProxy\_leave
- #define [Module\\_\\_GP\\_query](#) ti\_sysbios\_knl\_Clock\_Module\_\_GateProxy\_query
- #define [Module\\_\\_MID](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_id\_\_C
- #define [Module\\_\\_DGSINCL](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_diagsIncluded\_\_C
- #define [Module\\_\\_DGSENAB](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_diagsEnabled\_\_C
- #define [Module\\_\\_DGSMASK](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_diagsMask\_\_C
- #define [Module\\_\\_LOGDEF](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_loggerDefined\_\_C
- #define [Module\\_\\_LOGOBJ](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_loggerObj\_\_C
- #define [Module\\_\\_LOGFXN0](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_loggerFxn0\_\_C
- #define [Module\\_\\_LOGFXN1](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_loggerFxn1\_\_C
- #define [Module\\_\\_LOGFXN2](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_loggerFxn2\_\_C
- #define [Module\\_\\_LOGFXN4](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_loggerFxn4\_\_C
- #define [Module\\_\\_LOGFXN8](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_loggerFxn8\_\_C
- #define [Module\\_\\_G\\_OBJ](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_gateObj\_\_C
- #define [Module\\_\\_G\\_PRMS](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_gatePrms\_\_C
- #define [Module\\_\\_GP\\_create](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_GateProxy\_create
- #define [Module\\_\\_GP\\_delete](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_GateProxy\_delete
- #define [Module\\_\\_GP\\_enter](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_GateProxy\_enter
- #define [Module\\_\\_GP\\_leave](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_GateProxy\_leave
- #define [Module\\_\\_GP\\_query](#) ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_GateProxy\_query
- #define [Module\\_\\_MID](#) ti\_sysbios\_knl\_Queue\_Module\_\_id\_\_C
- #define [Module\\_\\_DGSINCL](#) ti\_sysbios\_knl\_Queue\_Module\_\_diagsIncluded\_\_C
- #define [Module\\_\\_DGSENAB](#) ti\_sysbios\_knl\_Queue\_Module\_\_diagsEnabled\_\_C
- #define [Module\\_\\_DGSMASK](#) ti\_sysbios\_knl\_Queue\_Module\_\_diagsMask\_\_C
- #define [Module\\_\\_LOGDEF](#) ti\_sysbios\_knl\_Queue\_Module\_\_loggerDefined\_\_C
- #define [Module\\_\\_LOGOBJ](#) ti\_sysbios\_knl\_Queue\_Module\_\_loggerObj\_\_C
- #define [Module\\_\\_LOGFXN0](#) ti\_sysbios\_knl\_Queue\_Module\_\_loggerFxn0\_\_C
- #define [Module\\_\\_LOGFXN1](#) ti\_sysbios\_knl\_Queue\_Module\_\_loggerFxn1\_\_C
- #define [Module\\_\\_LOGFXN2](#) ti\_sysbios\_knl\_Queue\_Module\_\_loggerFxn2\_\_C
- #define [Module\\_\\_LOGFXN4](#) ti\_sysbios\_knl\_Queue\_Module\_\_loggerFxn4\_\_C
- #define [Module\\_\\_LOGFXN8](#) ti\_sysbios\_knl\_Queue\_Module\_\_loggerFxn8\_\_C

- [#define Module\\_\\_G\\_OBJ ti\\_sysbios\\_knl\\_Queue\\_Module\\_\\_gateObj\\_\\_C](#)
- [#define Module\\_\\_G\\_PRMS ti\\_sysbios\\_knl\\_Queue\\_Module\\_\\_gatePrms\\_\\_C](#)
- [#define Module\\_\\_GP\\_create ti\\_sysbios\\_knl\\_Queue\\_Module\\_\\_GateProxy\\_create](#)
- [#define Module\\_\\_GP\\_delete ti\\_sysbios\\_knl\\_Queue\\_Module\\_\\_GateProxy\\_delete](#)
- [#define Module\\_\\_GP\\_enter ti\\_sysbios\\_knl\\_Queue\\_Module\\_\\_GateProxy\\_enter](#)
- [#define Module\\_\\_GP\\_leave ti\\_sysbios\\_knl\\_Queue\\_Module\\_\\_GateProxy\\_leave](#)
- [#define Module\\_\\_GP\\_query ti\\_sysbios\\_knl\\_Queue\\_Module\\_\\_GateProxy\\_query](#)
- [#define Module\\_\\_MID ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_id\\_\\_C](#)
- [#define Module\\_\\_DGSINCL ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_diagsIncluded\\_\\_C](#)
- [#define Module\\_\\_DGSENAB ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_diagsEnabled\\_\\_C](#)
- [#define Module\\_\\_DGSMASK ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_diagsMask\\_\\_C](#)
- [#define Module\\_\\_LOGDEF ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_loggerDefined\\_\\_C](#)
- [#define Module\\_\\_LOGOBJ ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_loggerObj\\_\\_C](#)
- [#define Module\\_\\_LOGFXN0 ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_loggerFxn0\\_\\_C](#)
- [#define Module\\_\\_LOGFXN1 ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_loggerFxn1\\_\\_C](#)
- [#define Module\\_\\_LOGFXN2 ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_loggerFxn2\\_\\_C](#)
- [#define Module\\_\\_LOGFXN4 ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_loggerFxn4\\_\\_C](#)
- [#define Module\\_\\_LOGFXN8 ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_loggerFxn8\\_\\_C](#)
- [#define Module\\_\\_G\\_OBJ ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_gateObj\\_\\_C](#)
- [#define Module\\_\\_G\\_PRMS ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_gatePrms\\_\\_C](#)
- [#define Module\\_\\_GP\\_create ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_GateProxy\\_create](#)
- [#define Module\\_\\_GP\\_delete ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_GateProxy\\_delete](#)
- [#define Module\\_\\_GP\\_enter ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_GateProxy\\_enter](#)
- [#define Module\\_\\_GP\\_leave ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_GateProxy\\_leave](#)
- [#define Module\\_\\_GP\\_query ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_GateProxy\\_query](#)
- [#define Module\\_\\_MID ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_id\\_\\_C](#)
- [#define Module\\_\\_DGSINCL ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_diagsIncluded\\_\\_C](#)
- [#define Module\\_\\_DGSENAB ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_diagsEnabled\\_\\_C](#)
- [#define Module\\_\\_DGSMASK ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_diagsMask\\_\\_C](#)
- [#define Module\\_\\_LOGDEF ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_loggerDefined\\_\\_C](#)
- [#define Module\\_\\_LOGOBJ ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_loggerObj\\_\\_C](#)
- [#define Module\\_\\_LOGFXN0 ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_loggerFxn0\\_\\_C](#)
- [#define Module\\_\\_LOGFXN1 ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_loggerFxn1\\_\\_C](#)
- [#define Module\\_\\_LOGFXN2 ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_loggerFxn2\\_\\_C](#)
- [#define Module\\_\\_LOGFXN4 ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_loggerFxn4\\_\\_C](#)
- [#define Module\\_\\_LOGFXN8 ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_loggerFxn8\\_\\_C](#)
- [#define Module\\_\\_G\\_OBJ ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_gateObj\\_\\_C](#)
- [#define Module\\_\\_G\\_PRMS ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_gatePrms\\_\\_C](#)
- [#define Module\\_\\_GP\\_create ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_GateProxy\\_create](#)
- [#define Module\\_\\_GP\\_delete ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_GateProxy\\_delete](#)
- [#define Module\\_\\_GP\\_enter ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_GateProxy\\_enter](#)
- [#define Module\\_\\_GP\\_leave ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_GateProxy\\_leave](#)
- [#define Module\\_\\_GP\\_query ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_GateProxy\\_query](#)
- [#define Module\\_\\_MID ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_id\\_\\_C](#)
- [#define Module\\_\\_DGSINCL ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_diagsIncluded\\_\\_C](#)
- [#define Module\\_\\_DGSENAB ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_diagsEnabled\\_\\_C](#)
- [#define Module\\_\\_DGSMASK ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_diagsMask\\_\\_C](#)
- [#define Module\\_\\_LOGDEF ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_loggerDefined\\_\\_C](#)
- [#define Module\\_\\_LOGOBJ ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_loggerObj\\_\\_C](#)
- [#define Module\\_\\_LOGFXN0 ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_loggerFxn0\\_\\_C](#)
- [#define Module\\_\\_LOGFXN1 ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_loggerFxn1\\_\\_C](#)
- [#define Module\\_\\_LOGFXN2 ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_loggerFxn2\\_\\_C](#)
- [#define Module\\_\\_LOGFXN4 ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_loggerFxn4\\_\\_C](#)
- [#define Module\\_\\_LOGFXN8 ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_loggerFxn8\\_\\_C](#)
- [#define Module\\_\\_G\\_OBJ ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_gateObj\\_\\_C](#)

```

• #define Module__G_PRMS ti_sysbios_knl_Task_Module_gatePrms__C
• #define Module__GP_create ti_sysbios_knl_Task_Module_GateProxy_create
• #define Module__GP_delete ti_sysbios_knl_Task_Module_GateProxy_delete
• #define Module__GP_enter ti_sysbios_knl_Task_Module_GateProxy_enter
• #define Module__GP_leave ti_sysbios_knl_Task_Module_GateProxy_leave
• #define Module__GP_query ti_sysbios_knl_Task_Module_GateProxy_query
• #define Module__MID xdc_runtime_Main_Module_GateProxy_Module__id__C
• #define Module__DGSINCL xdc_runtime_Main_Module_GateProxy_Module__diagsIncluded__C
• #define Module__DGSENAB xdc_runtime_Main_Module_GateProxy_Module__diagsEnabled__C
• #define Module__DGSMASK xdc_runtime_Main_Module_GateProxy_Module__diagsMask__C
• #define Module__LOGDEF xdc_runtime_Main_Module_GateProxy_Module__loggerDefined__C
• #define Module__LOGOBJ xdc_runtime_Main_Module_GateProxy_Module__loggerObj__C
• #define Module__LOGFXN0 xdc_runtime_Main_Module_GateProxy_Module__loggerFxn0__C
• #define Module__LOGFXN1 xdc_runtime_Main_Module_GateProxy_Module__loggerFxn1__C
• #define Module__LOGFXN2 xdc_runtime_Main_Module_GateProxy_Module__loggerFxn2__C
• #define Module__LOGFXN4 xdc_runtime_Main_Module_GateProxy_Module__loggerFxn4__C
• #define Module__LOGFXN8 xdc_runtime_Main_Module_GateProxy_Module__loggerFxn8__C
• #define Module__G_OBJ xdc_runtime_Main_Module_GateProxy_Module_gateObj__C
• #define Module__G_PRMS xdc_runtime_Main_Module_GateProxy_Module_gatePrms__C
• #define Module__GP_create xdc_runtime_Main_Module_GateProxy_Module_GateProxy_create
• #define Module__GP_delete xdc_runtime_Main_Module_GateProxy_Module_GateProxy_delete
• #define Module__GP_enter xdc_runtime_Main_Module_GateProxy_Module_GateProxy_enter
• #define Module__GP_leave xdc_runtime_Main_Module_GateProxy_Module_GateProxy_leave
• #define Module__GP_query xdc_runtime_Main_Module_GateProxy_Module_GateProxy_query
• #define Module__MID xdc_runtime_Memory_HeapProxy_Module__id__C
• #define Module__DGSINCL xdc_runtime_Memory_HeapProxy_Module__diagsIncluded__C
• #define Module__DGSENAB xdc_runtime_Memory_HeapProxy_Module__diagsEnabled__C
• #define Module__DGSMASK xdc_runtime_Memory_HeapProxy_Module__diagsMask__C
• #define Module__LOGDEF xdc_runtime_Memory_HeapProxy_Module__loggerDefined__C
• #define Module__LOGOBJ xdc_runtime_Memory_HeapProxy_Module__loggerObj__C
• #define Module__LOGFXN0 xdc_runtime_Memory_HeapProxy_Module__loggerFxn0__C
• #define Module__LOGFXN1 xdc_runtime_Memory_HeapProxy_Module__loggerFxn1__C
• #define Module__LOGFXN2 xdc_runtime_Memory_HeapProxy_Module__loggerFxn2__C
• #define Module__LOGFXN4 xdc_runtime_Memory_HeapProxy_Module__loggerFxn4__C
• #define Module__LOGFXN8 xdc_runtime_Memory_HeapProxy_Module__loggerFxn8__C
• #define Module__G_OBJ xdc_runtime_Memory_HeapProxy_Module_gateObj__C
• #define Module__G_PRMS xdc_runtime_Memory_HeapProxy_Module_gatePrms__C
• #define Module__GP_create xdc_runtime_Memory_HeapProxy_Module_GateProxy_create
• #define Module__GP_delete xdc_runtime_Memory_HeapProxy_Module_GateProxy_delete
• #define Module__GP_enter xdc_runtime_Memory_HeapProxy_Module_GateProxy_enter
• #define Module__GP_leave xdc_runtime_Memory_HeapProxy_Module_GateProxy_leave
• #define Module__GP_query xdc_runtime_Memory_HeapProxy_Module_GateProxy_query
• #define Module__MID xdc_runtime_System_Module_GateProxy_Module__id__C
• #define Module__DGSINCL xdc_runtime_System_Module_GateProxy_Module__diagsIncluded__C
• #define Module__DGSENAB xdc_runtime_System_Module_GateProxy_Module__diagsEnabled__C
• #define Module__DGSMASK xdc_runtime_System_Module_GateProxy_Module__diagsMask__C
• #define Module__LOGDEF xdc_runtime_System_Module_GateProxy_Module__loggerDefined__C
• #define Module__LOGOBJ xdc_runtime_System_Module_GateProxy_Module__loggerObj__C
• #define Module__LOGFXN0 xdc_runtime_System_Module_GateProxy_Module__loggerFxn0__C
• #define Module__LOGFXN1 xdc_runtime_System_Module_GateProxy_Module__loggerFxn1__C
• #define Module__LOGFXN2 xdc_runtime_System_Module_GateProxy_Module__loggerFxn2__C
• #define Module__LOGFXN4 xdc_runtime_System_Module_GateProxy_Module__loggerFxn4__C
• #define Module__LOGFXN8 xdc_runtime_System_Module_GateProxy_Module__loggerFxn8__C
• #define Module__G_OBJ xdc_runtime_System_Module_GateProxy_Module_gateObj__C
• #define Module__G_PRMS xdc_runtime_System_Module_GateProxy_Module_gatePrms__C

```



- #define [Module\\_\\_GP\\_create](#) xdc\_runtime\_System\_Module\_GateProxy\_Module\_GateProxy\_create
- #define [Module\\_\\_GP\\_delete](#) xdc\_runtime\_System\_Module\_GateProxy\_Module\_GateProxy\_delete
- #define [Module\\_\\_GP\\_enter](#) xdc\_runtime\_System\_Module\_GateProxy\_Module\_GateProxy\_enter
- #define [Module\\_\\_GP\\_leave](#) xdc\_runtime\_System\_Module\_GateProxy\_Module\_GateProxy\_leave
- #define [Module\\_\\_GP\\_query](#) xdc\_runtime\_System\_Module\_GateProxy\_Module\_GateProxy\_query

## Typedefs

- typedef struct [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Module\\_\\_](#) [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Queue\\_Object\\_\\_](#) [ti\\_sysbios\\_knl\\_Queue\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Semaphore\\_Object\\_\\_](#) [ti\\_sysbios\\_knl\\_Semaphore\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_gates\\_GateMutex\\_Object\\_\\_](#) [ti\\_sysbios\\_gates\\_GateMutex\\_Object\\_\\_](#)
- typedef [ti\\_sysbios\\_gates\\_GateMutex\\_Object\\_\\_](#) [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Module\\_\\_](#) [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Object\\_\\_](#) [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_\\_](#) [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object\\_\\_](#) [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_gates\\_GateHwi\\_Module\\_\\_](#) [ti\\_sysbios\\_gates\\_GateHwi\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_gates\\_GateHwi\\_Object\\_\\_](#) [ti\\_sysbios\\_gates\\_GateHwi\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_gates\\_GateMutex\\_Module\\_\\_](#) [ti\\_sysbios\\_gates\\_GateMutex\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_hal\\_Hwi\\_Module\\_\\_](#) [ti\\_sysbios\\_hal\\_Hwi\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_hal\\_Hwi\\_Object\\_\\_](#) [ti\\_sysbios\\_hal\\_Hwi\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_\\_](#) [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_\\_](#)
- typedef [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object\\_\\_](#) [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_](#) [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_heaps\\_HeapMem\\_Object\\_\\_](#) [ti\\_sysbios\\_heaps\\_HeapMem\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_\\_](#) [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_\\_](#)
- typedef [ti\\_sysbios\\_gates\\_GateMutex\\_Object\\_\\_](#) [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Clock\\_Module\\_\\_](#) [ti\\_sysbios\\_knl\\_Clock\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Clock\\_Object\\_\\_](#) [ti\\_sysbios\\_knl\\_Clock\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Module\\_\\_](#) [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Module\\_\\_](#)
- typedef [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Object\\_\\_](#) [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Queue\\_Module\\_\\_](#) [ti\\_sysbios\\_knl\\_Queue\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_](#) [ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_](#) [ti\\_sysbios\\_knl\\_Swi\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Swi\\_Object\\_\\_](#) [ti\\_sysbios\\_knl\\_Swi\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_](#) [ti\\_sysbios\\_knl\\_Task\\_Module\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Task\\_Object\\_\\_](#) [ti\\_sysbios\\_knl\\_Task\\_Object\\_\\_](#)
- typedef struct [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Module\\_\\_](#) [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Module\\_\\_](#)
- typedef [ti\\_sysbios\\_gates\\_GateHwi\\_Object\\_\\_](#) [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Object\\_\\_](#)
- typedef struct [xdc\\_runtime\\_Memory\\_HeapProxy\\_Module\\_\\_](#) [xdc\\_runtime\\_Memory\\_HeapProxy\\_Module\\_\\_](#)
- typedef [ti\\_sysbios\\_heaps\\_HeapMem\\_Object\\_\\_](#) [xdc\\_runtime\\_Memory\\_HeapProxy\\_Object\\_\\_](#)
- typedef struct [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Module\\_\\_](#) [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Module\\_\\_](#)
- typedef [ti\\_sysbios\\_gates\\_GateHwi\\_Object\\_\\_](#) [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Object\\_\\_](#)
- typedef struct [ti\\_sysbios\\_BIOS\\_Module\\_State\\_\\_](#) [ti\\_sysbios\\_BIOS\\_Module\\_State\\_\\_](#)
- typedef struct [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Module\\_State\\_\\_](#) [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Module\\_State\\_\\_](#)
- typedef struct [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_State\\_\\_](#) [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_State\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Clock\\_Module\\_State\\_\\_](#) [ti\\_sysbios\\_knl\\_Clock\\_Module\\_State\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Swi\\_Module\\_State\\_\\_](#) [ti\\_sysbios\\_knl\\_Swi\\_Module\\_State\\_\\_](#)
- typedef struct [ti\\_sysbios\\_knl\\_Task\\_Module\\_State\\_\\_](#) [ti\\_sysbios\\_knl\\_Task\\_Module\\_State\\_\\_](#)
- typedef struct [xdc\\_runtime\\_Error\\_Module\\_State\\_\\_](#) [xdc\\_runtime\\_Error\\_Module\\_State\\_\\_](#)
- typedef struct [xdc\\_runtime\\_Memory\\_Module\\_State\\_\\_](#) [xdc\\_runtime\\_Memory\\_Module\\_State\\_\\_](#)
- typedef struct [xdc\\_runtime\\_Registry\\_Module\\_State\\_\\_](#) [xdc\\_runtime\\_Registry\\_Module\\_State\\_\\_](#)
- typedef struct [xdc\\_runtime\\_Startup\\_Module\\_State\\_\\_](#) [xdc\\_runtime\\_Startup\\_Module\\_State\\_\\_](#)
- typedef struct [xdc\\_runtime\\_SysMin\\_Module\\_State\\_\\_](#) [xdc\\_runtime\\_SysMin\\_Module\\_State\\_\\_](#)
- typedef struct [xdc\\_runtime\\_System\\_Module\\_State\\_\\_](#) [xdc\\_runtime\\_System\\_Module\\_State\\_\\_](#)
- typedef struct [xdc\\_runtime\\_Text\\_Module\\_State\\_\\_](#) [xdc\\_runtime\\_Text\\_Module\\_State\\_\\_](#)
- typedef union [Header](#) [Header](#)

## Functions

- `xdc_Void ti_sysbios_BIOS_startFunc (xdc_Void)`
- `xdc_Void ti_sysbios_BIOS_exitFunc (xdc_Int)`
- `xdc_Void ti_sysbios_family_arm_lm4_Timer_enableTiva (xdc_Int)`
- `xdc_Void ti_sysbios_family_arm_lm4_Timer_disableTiva (xdc_Int)`
- `xdc_UInt ti_sysbios_knl_Swi_disable__E (xdc_Void)`
- `xdc_Void ti_sysbios_knl_Swi_restoreHwi__E (xdc_UInt)`
- `xdc_UInt ti_sysbios_knl_Task_disable__E (xdc_Void)`
- `xdc_Void ti_sysbios_knl_Task_restoreHwi__E (xdc_UInt)`
- `xdc_Void ti_sysbios_knl_Clock_doTick__I (xdc_UArg)`
- `xdc_Void ti_sysbios_hal_Hwi_checkStack (xdc_Void)`
- `xdc_Void ti_sysbios_knl_Task_restore__E (xdc_UInt)`
- `xdc_Void ti_sysbios_hal_Hwi_initStack (xdc_Void)`
- `xdc_Int xdc_runtime_System_Module_startup__E (xdc_Int)`
- `xdc_Int xdc_runtime_SysMin_Module_startup__E (xdc_Int)`
- `xdc_Int ti_sysbios_knl_Clock_Module_startup__E (xdc_Int)`
- `xdc_Int ti_sysbios_knl_Swi_Module_startup__E (xdc_Int)`
- `xdc_Int ti_sysbios_knl_Task_Module_startup__E (xdc_Int)`
- `xdc_Int ti_sysbios_hal_Hwi_Module_startup__E (xdc_Int)`
- `xdc_Int ti_sysbios_family_arm_m3_Hwi_Module_startup__E (xdc_Int)`
- `xdc_Int ti_sysbios_family_arm_lm4_Timer_Module_startup__E (xdc_Int)`
- `xdc_Void xdc_runtime_SysMin_output__I (xdc_Char *, xdc_UInt)`
- `xdc_Int xdc_runtime_System_printfExtend__I (xdc_Char **, xdc_CString *, xdc_Valist *, xdc_runtime_↵  
System_ParseData *)`
- `xdc_META (__ASM__, "@(#)__ASM__ = C:/Users/rromero2/Documents/ti/workspace_v7_DSE/PFinal↵  
DSE_DO_GP_RR/Debug/configPkg/package/cfg/PFinalMain_pem4f")`
- `xdc_META (__ISA__, "@(#)__ISA__ = v7M4")`
- `xdc_META (__PLAT__, "@(#)__PLAT__ = ti.platforms.tiva")`
- `xdc_META (__TARG__, "@(#)__TARG__ = ti.targets.arm.elf.M4F")`
- `xdc_META (__TRDR__, "@(#)__TRDR__ = ti.targets.omf.elf.Elf32")`
- `xdc_Bool xdc_runtime_System_Module_startupDone__F (void)`
- `xdc_Bool xdc_runtime_SysMin_Module_startupDone__F (void)`
- `xdc_Bool ti_sysbios_knl_Clock_Module_startupDone__F (void)`
- `xdc_Bool ti_sysbios_knl_Swi_Module_startupDone__F (void)`
- `xdc_Bool ti_sysbios_knl_Task_Module_startupDone__F (void)`
- `xdc_Bool ti_sysbios_hal_Hwi_Module_startupDone__F (void)`
- `xdc_Bool ti_sysbios_family_arm_m3_Hwi_Module_startupDone__F (void)`
- `xdc_Bool ti_sysbios_family_arm_lm4_Timer_Module_startupDone__F (void)`
- `xdc_Void xdc_runtime_Startup_exec__I (void)`
- `xdc_Void xdc_runtime_Startup_reset__I (void)`
- `void xdc_runtime_Text_visitRope__I (xdc_runtime_Text_Ropeld rope, xdc_Fxn visFxn, xdc_Ptr visState)`
- `xdc_Void ti_catalog_arm_cortexm4_tiva_ce_Boot_init ()`
- `Void ti_sysbios_knl_Clock_doTick__I (UArg arg)`
- `Void ti_sysbios_BIOS_atExitFunc__I (Int)`
- `Void ti_sysbios_BIOS_registerRTSLock ()`
- `Void ti_sysbios_family_arm_lm4_Timer_startup__E ()`
- `Void ti_sysbios_BIOS_startFunc__I ()`
- `Void ti_sysbios_BIOS_rtsLock ()`
- `Void ti_sysbios_BIOS_rtsUnlock ()`
- `Void ti_sysbios_BIOS_nullFunc__I ()`
- `Void ti_sysbios_BIOS_registerRTSLock (Void)`
- `Void ti_sysbios_BIOS_removeRTSLock (Void)`
- `Void ti_sysbios_BIOS_exitFunc (Int stat)`
- `Void ti_sysbios_BIOS_errorRaiseHook (xdc_runtime_Error_Block *eb)`

- Void [\\_c\\_int00](#) ()
- Void [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_excHandlerAsm\\_\\_I](#) ()
- Void [ATTRIBUTE \\* malloc](#) (SizeT size)
- Void [ATTRIBUTE \\* memalign](#) (SizeT alignment, SizeT size)
- Void [ATTRIBUTE \\* calloc](#) (SizeT nmemb, SizeT size)
- Void [ATTRIBUTE free](#) (Void \*ptr)
- Void [ATTRIBUTE \\* realloc](#) (Void \*ptr, SizeT size)
- xdc\_Int [xdc\\_runtime\\_System\\_printf\\_va\\_\\_E](#) (xdc\_CString fmt, va\_list \_\_va)
- xdc\_Int [xdc\\_runtime\\_System\\_printf\\_\\_E](#) (xdc\_CString fmt,...)
- xdc\_Int [xdc\\_runtime\\_System\\_aprintf\\_va\\_\\_E](#) (xdc\_CString fmt, va\_list \_\_va)
- xdc\_Int [xdc\\_runtime\\_System\\_aprintf\\_\\_E](#) (xdc\_CString fmt,...)
- xdc\_Int [xdc\\_runtime\\_System\\_sprintf\\_va\\_\\_E](#) (xdc\_Char buf[], xdc\_CString fmt, va\_list \_\_va)
- xdc\_Int [xdc\\_runtime\\_System\\_sprintf\\_\\_E](#) (xdc\_Char buf[], xdc\_CString fmt,...)
- xdc\_Int [xdc\\_runtime\\_System\\_asprintf\\_va\\_\\_E](#) (xdc\_Char buf[], xdc\_CString fmt, va\_list \_\_va)
- xdc\_Int [xdc\\_runtime\\_System\\_asprintf\\_\\_E](#) (xdc\_Char buf[], xdc\_CString fmt,...)
- xdc\_Int [xdc\\_runtime\\_System\\_snprintf\\_va\\_\\_E](#) (xdc\_Char buf[], xdc\_SizeT n, xdc\_CString fmt, va\_list \_\_va)
- xdc\_Int [xdc\\_runtime\\_System\\_snprintf\\_\\_E](#) (xdc\_Char buf[], xdc\_SizeT n, xdc\_CString fmt,...)
- xdc\_Bool [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Object\\_create\\_\\_S](#) (xdc\_Ptr \_\_obj, xdc\_SizeT \_\_osz, const xdc\_Ptr \_\_aa, const [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_ParamsPtr](#) \_\_paramsPtr, xdc\_SizeT \_\_psz, xdc\_runtime\_Error\_Block \*\_\_eb)
- [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Handle ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_create](#) (const [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Params](#) \*\_\_prms, xdc\_runtime\_Error\_Block \*\_\_eb)
- void [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Object\\_delete\\_\\_S](#) (xdc\_Ptr instp)
- void [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_delete](#) ([ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Handle](#) \*instp)
- void [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Params\\_\\_init\\_\\_S](#) (xdc\_Ptr dst, const void \*src, xdc\_SizeT psz, xdc\_SizeT isz)
- xdc\_runtime\_Types\_Label \* [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Handle\\_\\_label\\_\\_S](#) (xdc\_Ptr obj, xdc\_runtime\_Types\_Label \*lab)
- xdc\_Bool [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_query\\_\\_E](#) (xdc\_Int qual)
- xdc\_IArg [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_enter\\_\\_E](#) ([ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Handle](#) \_\_inst)
- xdc\_Void [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_leave\\_\\_E](#) ([ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Handle](#) \_\_inst, xdc\_IArg key)
- xdc\_Bool [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Object\\_create\\_\\_S](#) (xdc\_Ptr \_\_obj, xdc\_SizeT \_\_osz, const xdc\_Ptr \_\_aa, const [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_ParamsPtr](#) \_\_paramsPtr, xdc\_SizeT \_\_psz, xdc\_runtime\_Error\_Block \*\_\_eb)
- [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Handle ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_create](#) (xdc\_Int intNum, [ti\\_sysbios\\_interfaces\\_IHwi\\_FuncPtr](#) hwiFxn, const [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Params](#) \*\_\_prms, xdc\_runtime\_Error\_Block \*\_\_eb)
- void [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Object\\_delete\\_\\_S](#) (xdc\_Ptr instp)
- void [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_delete](#) ([ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Handle](#) \*instp)
- void [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Params\\_\\_init\\_\\_S](#) (xdc\_Ptr dst, const void \*src, xdc\_SizeT psz, xdc\_SizeT isz)
- xdc\_runtime\_Types\_Label \* [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_Handle\\_\\_label\\_\\_S](#) (xdc\_Ptr obj, xdc\_runtime\_Types\_Label \*lab)
- xdc\_Bool [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_getStackInfo\\_\\_E](#) ([ti\\_sysbios\\_interfaces\\_IHwi\\_StackInfo](#) \*stkInfo, xdc\_Bool computeStackDepth)
- xdc\_Bool [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_getCoreStackInfo\\_\\_E](#) ([ti\\_sysbios\\_interfaces\\_IHwi\\_StackInfo](#) \*stkInfo, xdc\_Bool computeStackDepth, xdc\_UInt coreId)
- xdc\_Void [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_startup\\_\\_E](#) (void)
- xdc\_UInt [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_disable\\_\\_E](#) (void)
- xdc\_UInt [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_enable\\_\\_E](#) (void)
- xdc\_Void [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_restore\\_\\_E](#) (xdc\_UInt key)
- xdc\_Void [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_switchFromBootStack\\_\\_E](#) (void)

- xdc\_Void [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_post\\_\\_E](#) (xdc\_UInt intNum)
- xdc\_Char \* [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_getTaskSP\\_\\_E](#) (void)
- xdc\_UInt [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_disableInterrupt\\_\\_E](#) (xdc\_UInt intNum)
- xdc\_UInt [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_enableInterrupt\\_\\_E](#) (xdc\_UInt intNum)
- xdc\_Void [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_restoreInterrupt\\_\\_E](#) (xdc\_UInt intNum, xdc\_UInt key)
- xdc\_Void [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_clearInterrupt\\_\\_E](#) (xdc\_UInt intNum)
- ti\_sysbios\_interfaces\_IHwi\_FuncPtr [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_getFunc\\_\\_E](#) (ti\_sysbios\_hal\_Hwi\_HwiProxy\_Handle \_\_inst, xdc\_UArg \*arg)
- xdc\_Void [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_setFunc\\_\\_E](#) (ti\_sysbios\_hal\_Hwi\_HwiProxy\_Handle \_\_inst, ti\_sysbios\_interfaces\_IHwi\_FuncPtr fxn, xdc\_UArg arg)
- xdc\_Ptr [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_getHookContext\\_\\_E](#) (ti\_sysbios\_hal\_Hwi\_HwiProxy\_Handle \_\_inst, xdc\_Int id)
- xdc\_Void [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_setHookContext\\_\\_E](#) (ti\_sysbios\_hal\_Hwi\_HwiProxy\_Handle \_\_inst, xdc\_Int id, xdc\_Ptr hookContext)
- ti\_sysbios\_interfaces\_IHwi\_Irp [ti\\_sysbios\\_hal\\_Hwi\\_HwiProxy\\_getIrp\\_\\_E](#) (ti\_sysbios\_hal\_Hwi\_HwiProxy\_Handle \_\_inst)
- xdc\_Bool [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Object\\_create\\_\\_S](#) (xdc\_Ptr \_\_obj, xdc\_SizeT \_\_osz, const xdc\_Ptr \_\_aa, const [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_ParamsPtr](#) \_\_paramsPtr, xdc\_SizeT \_\_psz, xdc\_runtime\_Error\_Block \*\_\_eb)
- ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Handle [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_create](#) (const ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Params \*\_\_prms, xdc\_runtime\_Error\_Block \*\_\_eb)
- void [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Object\\_delete\\_\\_S](#) (xdc\_Ptr instp)
- void [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_delete](#) (ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Handle \*instp)
- void [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Params\\_init\\_\\_S](#) (xdc\_Ptr dst, const void \*src, xdc\_SizeT psz, xdc\_SizeT isz)
- xdc\_runtime\_Types\_Label \* [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Handle\\_label\\_\\_S](#) (xdc\_Ptr obj, xdc\_runtime\_Types\_Label \*lab)
- xdc\_Bool [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_query\\_\\_E](#) (xdc\_Int qual)
- xdc\_IArg [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_enter\\_\\_E](#) (ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Handle \_\_inst)
- xdc\_Void [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_leave\\_\\_E](#) (ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Handle \_\_inst, xdc\_IArg key)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Object\\_create\\_\\_S](#) (xdc\_Ptr \_\_obj, xdc\_SizeT \_\_osz, const xdc\_Ptr \_\_aa, const [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_ParamsPtr](#) \_\_paramsPtr, xdc\_SizeT \_\_psz, xdc\_runtime\_Error\_Block \*\_\_eb)
- ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_create](#) (xdc\_Int id, ti\_sysbios\_interfaces\_ITimer\_FuncPtr tickFxn, const ti\_sysbios\_knl\_Clock\_TimerProxy\_Params \*\_\_prms, xdc\_runtime\_Error\_Block \*\_\_eb)
- void [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Object\\_delete\\_\\_S](#) (xdc\_Ptr instp)
- void [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_delete](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \*instp)
- void [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Params\\_init\\_\\_S](#) (xdc\_Ptr dst, const void \*src, xdc\_SizeT psz, xdc\_SizeT isz)
- xdc\_runtime\_Types\_Label \* [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Handle\\_label\\_\\_S](#) (xdc\_Ptr obj, xdc\_runtime\_Types\_Label \*lab)
- xdc\_UInt [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_getNumTimers\\_\\_E](#) (void)
- ti\_sysbios\_interfaces\_ITimer\_Status [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_getStatus\\_\\_E](#) (xdc\_UInt id)
- xdc\_Void [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_startup\\_\\_E](#) (void)
- xdc\_UInt32 [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_getMaxTicks\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst)
- xdc\_Void [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_setNextTick\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst, xdc\_UInt32 ticks)
- xdc\_Void [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_start\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst)



- xdc\_Void [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_stop\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst)
- xdc\_Void [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_setPeriod\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst, xdc\_UInt32 period)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_setPeriodMicroSecs\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst, xdc\_UInt32 microsecs)
- xdc\_UInt32 [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_getPeriod\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst)
- xdc\_UInt32 [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_getCount\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst)
- xdc\_Void [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_getFreq\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst, xdc\_runtime\_Types\_FreqHz \*freq)
- ti\_sysbios\_interfaces\_ITimer\_FuncPtr [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_getFunc\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst, xdc\_UArg \*arg)
- xdc\_Void [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_setFunc\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst, ti\_sysbios\_interfaces\_ITimer\_FuncPtr fxn, xdc\_UArg arg)
- xdc\_Void [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_trigger\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst, xdc\_UInt32 cycles)
- xdc\_UInt32 [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_getExpiredCounts\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst)
- xdc\_UInt32 [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_getExpiredTicks\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst, xdc\_UInt32 tickPeriod)
- xdc\_UInt32 [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_getCurrentTick\\_\\_E](#) (ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle \_\_inst, xdc\_Bool save)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Intrinsics\\_SupportProxy\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_UInt [ti\\_sysbios\\_knl\\_Intrinsics\\_SupportProxy\\_maxbit\\_\\_E](#) (xdc\_UInt bits)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Task\\_SupportProxy\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Task\\_SupportProxy\\_start\\_\\_E](#) (xdc\_Ptr curTask, ti\_sysbios\_interfaces\_ITaskSupport\_FuncPtr enter, ti\_sysbios\_interfaces\_ITaskSupport\_FuncPtr exit, xdc\_runtime\_Error\_Block \*eb)
- xdc\_Void [ti\\_sysbios\\_knl\\_Task\\_SupportProxy\\_swap\\_\\_E](#) (xdc\_Ptr \*oldtskContext, xdc\_Ptr \*newtskContext)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Task\\_SupportProxy\\_checkStack\\_\\_E](#) (xdc\_Char \*stack, xdc\_SizeT size)
- xdc\_SizeT [ti\\_sysbios\\_knl\\_Task\\_SupportProxy\\_stackUsed\\_\\_E](#) (xdc\_Char \*stack, xdc\_SizeT size)
- xdc\_UInt [ti\\_sysbios\\_knl\\_Task\\_SupportProxy\\_getStackAlignment\\_\\_E](#) (void)
- xdc\_SizeT [ti\\_sysbios\\_knl\\_Task\\_SupportProxy\\_getDefaultStackSize\\_\\_E](#) (void)
- xdc\_Bool [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_Ptr [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Object\\_create\\_\\_S](#) (xdc\_Ptr \_\_obj, xdc\_SizeT \_\_osiz, const xdc\_Ptr \_\_aa, const xdc\_runtime\_Main\_Module\_GateProxy\_ParamsPtr \_\_paramsPtr, xdc\_SizeT \_\_psiz, xdc\_runtime\_Error\_Block \*\_\_eb)
- xdc\_runtime\_Main\_Module\_GateProxy\_Handle [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_create](#) (const xdc\_runtime\_Main\_Module\_GateProxy\_Params \*\_\_prms, xdc\_runtime\_Error\_Block \*\_\_eb)
- void [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Object\\_delete\\_\\_S](#) (xdc\_Ptr instp)
- void [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_delete](#) (xdc\_runtime\_Main\_Module\_GateProxy\_Handle \*instp)
- void [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Params\\_\\_init\\_\\_S](#) (xdc\_Ptr dst, const void \*src, xdc\_SizeT psz, xdc\_SizeT isz)
- xdc\_runtime\_Types\_Label \* [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_Handle\\_\\_label\\_\\_S](#) (xdc\_Ptr obj, xdc\_runtime\_Types\_Label \*lab)
- xdc\_Bool [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_query\\_\\_E](#) (xdc\_Int qual)
- xdc\_IArg [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_enter\\_\\_E](#) (xdc\_runtime\_Main\_Module\_GateProxy\_Handle \_\_inst)
- xdc\_Void [xdc\\_runtime\\_Main\\_Module\\_GateProxy\\_leave\\_\\_E](#) (xdc\_runtime\_Main\_Module\_GateProxy\_Handle \_\_inst, xdc\_IArg key)
- xdc\_Bool [xdc\\_runtime\\_Memory\\_HeapProxy\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_Ptr [xdc\\_runtime\\_Memory\\_HeapProxy\\_Object\\_create\\_\\_S](#) (xdc\_Ptr \_\_obj, xdc\_SizeT \_\_osiz, const xdc\_Ptr \_\_aa, const xdc\_runtime\_Memory\_HeapProxy\_ParamsPtr \_\_paramsPtr, xdc\_SizeT \_\_psiz, xdc\_runtime\_Error\_Block \*\_\_eb)
- xdc\_runtime\_Memory\_HeapProxy\_Handle [xdc\\_runtime\\_Memory\\_HeapProxy\\_create](#) (const xdc\_runtime\_Memory\_HeapProxy\_Params \*\_\_prms, xdc\_runtime\_Error\_Block \*\_\_eb)

- void [xdc\\_runtime\\_Memory\\_HeapProxy\\_Object\\_delete\\_\\_S](#) (xdc\_Ptr instp)
- void [xdc\\_runtime\\_Memory\\_HeapProxy\\_delete](#) (xdc\_runtime\_Memory\_HeapProxy\_Handle \*instp)
- void [xdc\\_runtime\\_Memory\\_HeapProxy\\_Params\\_init\\_\\_S](#) (xdc\_Ptr dst, const void \*src, xdc\_SizeT psz, xdc\_↵\_SizeT isz)
- xdc\_runtime\_Types\_Label \* [xdc\\_runtime\\_Memory\\_HeapProxy\\_Handle\\_label\\_\\_S](#) (xdc\_Ptr obj, xdc\_↵\_runtime\_Types\_Label \*lab)
- xdc\_Ptr [xdc\\_runtime\\_Memory\\_HeapProxy\\_alloc\\_\\_E](#) (xdc\_runtime\_Memory\_HeapProxy\_Handle \_\_inst, xdc\_SizeT size, xdc\_SizeT align, xdc\_runtime\_Error\_Block \*eb)
- xdc\_Void [xdc\\_runtime\\_Memory\\_HeapProxy\\_free\\_\\_E](#) (xdc\_runtime\_Memory\_HeapProxy\_Handle \_\_inst, xdc\_Ptr block, xdc\_SizeT size)
- xdc\_Bool [xdc\\_runtime\\_Memory\\_HeapProxy\\_isBlocking\\_\\_E](#) (xdc\_runtime\_Memory\_HeapProxy\_Handle \_↵\_inst)
- xdc\_Void [xdc\\_runtime\\_Memory\\_HeapProxy\\_getStats\\_\\_E](#) (xdc\_runtime\_Memory\_HeapProxy\_Handle \_↵\_inst, xdc\_runtime\_Memory\_Stats \*stats)
- xdc\_Bool [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_Ptr [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Object\\_create\\_\\_S](#) (xdc\_Ptr \_\_obj, xdc\_SizeT \_\_osz, const xdc\_Ptr \_\_aa, const [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_\\_ParamsPtr](#) \_\_paramsPtr, xdc\_SizeT \_\_psz, xdc\_runtime\_Error\_Block \*\_\_eb)
- xdc\_runtime\_System\_Module\_GateProxy\_Handle [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_create](#) (const xdc\_runtime\_System\_Module\_GateProxy\_Params \*\_\_prms, xdc\_runtime\_Error\_Block \*\_\_eb)
- void [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Object\\_delete\\_\\_S](#) (xdc\_Ptr instp)
- void [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_delete](#) (xdc\_runtime\_System\_Module\_GateProxy\_Handle \*instp)
- void [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Params\\_init\\_\\_S](#) (xdc\_Ptr dst, const void \*src, xdc\_SizeT psz, xdc\_SizeT isz)
- xdc\_runtime\_Types\_Label \* [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_Handle\\_label\\_\\_S](#) (xdc\_Ptr obj, xdc\_runtime\_Types\_Label \*lab)
- xdc\_Bool [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_query\\_\\_E](#) (xdc\_Int qual)
- xdc\_IArg [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_enter\\_\\_E](#) (xdc\_runtime\_System\_Module\_GateProxy\_↵\_Handle \_\_inst)
- xdc\_Void [xdc\\_runtime\\_System\\_Module\\_GateProxy\\_leave\\_\\_E](#) (xdc\_runtime\_System\_Module\_GateProxy\_↵\_Handle \_\_inst, xdc\_IArg key)
- xdc\_Bool [xdc\\_runtime\\_System\\_SupportProxy\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_Void [xdc\\_runtime\\_System\\_SupportProxy\\_abort\\_\\_E](#) (xdc\_CString str)
- xdc\_Void [xdc\\_runtime\\_System\\_SupportProxy\\_exit\\_\\_E](#) (xdc\_Int stat)
- xdc\_Void [xdc\\_runtime\\_System\\_SupportProxy\\_flush\\_\\_E](#) (void)
- xdc\_Void [xdc\\_runtime\\_System\\_SupportProxy\\_putch\\_\\_E](#) (xdc\_Char ch)
- xdc\_Bool [xdc\\_runtime\\_System\\_SupportProxy\\_ready\\_\\_E](#) (void)
- xdc\_runtime\_IGateProvider\_Handle [xdc\\_runtime\\_IGateProvider\\_create](#) (xdc\_runtime\_IGateProvider\_↵\_Module \_\_mod, const xdc\_runtime\_IGateProvider\_Params \*\_\_prms, xdc\_runtime\_Error\_Block \*\_\_eb)
- void [xdc\\_runtime\\_IGateProvider\\_delete](#) (xdc\_runtime\_IGateProvider\_Handle \*instp)
- xdc\_runtime\_IHeap\_Handle [xdc\\_runtime\\_IHeap\\_create](#) (xdc\_runtime\_IHeap\_Module \_\_mod, const xdc\_↵\_runtime\_IHeap\_Params \*\_\_prms, xdc\_runtime\_Error\_Block \*\_\_eb)
- void [xdc\\_runtime\\_IHeap\\_delete](#) (xdc\_runtime\_IHeap\_Handle \*instp)
- xdc\_Bool [ti\\_catalog\\_arm\\_cortexm4\\_tiva\\_ce\\_Boot\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_Bool [ti\\_sysbios\\_BIOS\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_Bool [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Proxy\\_\\_abstract\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_BIOS\\_RtsGateProxy\\_Proxy\\_\\_delegate\\_\\_S](#) (void)
- xdc\_Bool [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Module\\_startupDone\\_\\_S](#) (void)
- xdc\_runtime\_Types\_Label \* [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Handle\\_label\\_\\_S](#) (xdc\_Ptr obj, xdc\_↵\_runtime\_Types\_Label \*lab)
- xdc\_Void [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Params\\_init\\_\\_S](#) (xdc\_Ptr prms, const void \*src, xdc\_SizeT psz, xdc\_SizeT isz)
- xdc\_Ptr [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Object\\_get\\_\\_S](#) (xdc\_Ptr oa, xdc\_Int i)
- xdc\_Ptr [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Object\\_first\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Object\\_next\\_\\_S](#) (xdc\_Ptr obj)

- `xdc_Ptr ti_sysbios_family_arm_lm4_Timer_Object_create__S` (`xdc_Ptr __obj`, `xdc_SizeT __osz`, `const xdc_Ptr __aa`, `const ti_sysbios_family_arm_lm4_Timer__ParamsPtr __paramsPtr`, `xdc_SizeT __psz`, `xdc_runtime_Error_Block *__eb`)
- `ti_sysbios_family_arm_lm4_Timer_Handle ti_sysbios_family_arm_lm4_Timer_create` (`xdc_Int id`, `ti_sysbios_interfaces_ITimer_FuncPtr tickFxn`, `const ti_sysbios_family_arm_lm4_Timer_Params *__paramsPtr`, `xdc_runtime_Error_Block *__eb`)
- `void ti_sysbios_family_arm_lm4_Timer_construct` (`ti_sysbios_family_arm_lm4_Timer_Struct *__obj`, `xdc_Int id`, `ti_sysbios_interfaces_ITimer_FuncPtr tickFxn`, `const ti_sysbios_family_arm_lm4_Timer_Params *__paramsPtr`, `xdc_runtime_Error_Block *__eb`)
- `xdc_Void ti_sysbios_family_arm_lm4_Timer_Object_destruct__S` (`xdc_Ptr obj`)
- `void ti_sysbios_family_arm_lm4_Timer_destruct` (`ti_sysbios_family_arm_lm4_Timer_Struct *obj`)
- `xdc_Void ti_sysbios_family_arm_lm4_Timer_Object_delete__S` (`xdc_Ptr instp`)
- `void ti_sysbios_family_arm_lm4_Timer_delete` (`ti_sysbios_family_arm_lm4_Timer_Handle *instp`)
- `xdc_Bool ti_sysbios_family_arm_m3_Hwi_Module_startupDone__S` (`void`)
- `xdc_runtime_Types_Label * ti_sysbios_family_arm_m3_Hwi_Handle_label__S` (`xdc_Ptr obj`, `xdc_runtime_Types_Label *lab`)
- `xdc_Void ti_sysbios_family_arm_m3_Hwi_Params_init__S` (`xdc_Ptr prms`, `const void *src`, `xdc_SizeT psz`, `xdc_SizeT isz`)
- `xdc_Ptr ti_sysbios_family_arm_m3_Hwi_Object_get__S` (`xdc_Ptr oa`, `xdc_Int i`)
- `xdc_Ptr ti_sysbios_family_arm_m3_Hwi_Object_first__S` (`void`)
- `xdc_Ptr ti_sysbios_family_arm_m3_Hwi_Object_next__S` (`xdc_Ptr obj`)
- `xdc_Ptr ti_sysbios_family_arm_m3_Hwi_Object_create__S` (`xdc_Ptr __obj`, `xdc_SizeT __osz`, `const xdc_Ptr __aa`, `const ti_sysbios_family_arm_m3_Hwi__ParamsPtr __paramsPtr`, `xdc_SizeT __psz`, `xdc_runtime_Error_Block *__eb`)
- `ti_sysbios_family_arm_m3_Hwi_Handle ti_sysbios_family_arm_m3_Hwi_create` (`xdc_Int intNum`, `ti_sysbios_interfaces_IHwi_FuncPtr hwiFxn`, `const ti_sysbios_family_arm_m3_Hwi_Params *__paramsPtr`, `xdc_runtime_Error_Block *__eb`)
- `void ti_sysbios_family_arm_m3_Hwi_construct` (`ti_sysbios_family_arm_m3_Hwi_Struct *__obj`, `xdc_Int intNum`, `ti_sysbios_interfaces_IHwi_FuncPtr hwiFxn`, `const ti_sysbios_family_arm_m3_Hwi_Params *__paramsPtr`, `xdc_runtime_Error_Block *__eb`)
- `xdc_Void ti_sysbios_family_arm_m3_Hwi_Object_destruct__S` (`xdc_Ptr obj`)
- `void ti_sysbios_family_arm_m3_Hwi_destruct` (`ti_sysbios_family_arm_m3_Hwi_Struct *obj`)
- `xdc_Void ti_sysbios_family_arm_m3_Hwi_Object_delete__S` (`xdc_Ptr instp`)
- `void ti_sysbios_family_arm_m3_Hwi_delete` (`ti_sysbios_family_arm_m3_Hwi_Handle *instp`)
- `xdc_Bool ti_sysbios_family_arm_m3_IntrinsicsSupport_Module_startupDone__S` (`void`)
- `xdc_Bool ti_sysbios_family_arm_m3_TaskSupport_Module_startupDone__S` (`void`)
- `xdc_Bool ti_sysbios_gates_GateHwi_Module_startupDone__S` (`void`)
- `xdc_runtime_Types_Label * ti_sysbios_gates_GateHwi_Handle_label__S` (`xdc_Ptr obj`, `xdc_runtime_Types_Label *lab`)
- `xdc_Void ti_sysbios_gates_GateHwi_Params_init__S` (`xdc_Ptr prms`, `const void *src`, `xdc_SizeT psz`, `xdc_SizeT isz`)
- `xdc_Ptr ti_sysbios_gates_GateHwi_Object_get__S` (`xdc_Ptr oa`, `xdc_Int i`)
- `xdc_Ptr ti_sysbios_gates_GateHwi_Object_first__S` (`void`)
- `xdc_Ptr ti_sysbios_gates_GateHwi_Object_next__S` (`xdc_Ptr obj`)
- `xdc_Ptr ti_sysbios_gates_GateHwi_Object_create__S` (`xdc_Ptr __obj`, `xdc_SizeT __osz`, `const xdc_Ptr __aa`, `const ti_sysbios_gates_GateHwi__ParamsPtr __paramsPtr`, `xdc_SizeT __psz`, `xdc_runtime_Error_Block *__eb`)
- `ti_sysbios_gates_GateHwi_Handle ti_sysbios_gates_GateHwi_create` (`const ti_sysbios_gates_GateHwi_Params *__paramsPtr`, `xdc_runtime_Error_Block *__eb`)
- `void ti_sysbios_gates_GateHwi_construct` (`ti_sysbios_gates_GateHwi_Struct *__obj`, `const ti_sysbios_gates_GateHwi_Params *__paramsPtr`)
- `xdc_Void ti_sysbios_gates_GateHwi_Object_destruct__S` (`xdc_Ptr obj`)
- `void ti_sysbios_gates_GateHwi_destruct` (`ti_sysbios_gates_GateHwi_Struct *obj`)
- `xdc_Void ti_sysbios_gates_GateHwi_Object_delete__S` (`xdc_Ptr instp`)
- `void ti_sysbios_gates_GateHwi_delete` (`ti_sysbios_gates_GateHwi_Handle *instp`)
- `xdc_Bool ti_sysbios_gates_GateMutex_Module_startupDone__S` (`void`)

- `xdc_runtime_Types_Label * ti_sysbios_gates_GateMutex_Handle__label__S` (`xdc_Ptr` obj, `xdc_runtime_↵`  
`Types_Label` \*lab)
- `xdc_Void ti_sysbios_gates_GateMutex_Params__init__S` (`xdc_Ptr` prms, `const void` \*src, `xdc_SizeT` psz,  
`xdc_SizeT` isz)
- `xdc_Ptr ti_sysbios_gates_GateMutex_Object__get__S` (`xdc_Ptr` oa, `xdc_Int` i)
- `xdc_Ptr ti_sysbios_gates_GateMutex_Object__first__S` (`void`)
- `xdc_Ptr ti_sysbios_gates_GateMutex_Object__next__S` (`xdc_Ptr` obj)
- `xdc_Ptr ti_sysbios_gates_GateMutex_Object__create__S` (`xdc_Ptr` \_\_obj, `xdc_SizeT` \_\_osz, `const xdc_↵`  
`Ptr` \_\_aa, `const ti_sysbios_gates_GateMutex__ParamsPtr` \_\_paramsPtr, `xdc_SizeT` \_\_psz, `xdc_runtime_↵`  
`Error_Block` \*\_\_eb)
- `ti_sysbios_gates_GateMutex_Handle ti_sysbios_gates_GateMutex_create` (`const ti_sysbios_gates_Gate_↵`  
`Mutex_Params` \*\_\_paramsPtr, `xdc_runtime_Error_Block` \*\_\_eb)
- `void ti_sysbios_gates_GateMutex_construct` (`ti_sysbios_gates_GateMutex_Struct` \*\_\_obj, `const ti_sysbios_↵`  
`_gates_GateMutex_Params` \*\_\_paramsPtr)
- `xdc_Void ti_sysbios_gates_GateMutex_Object__destruct__S` (`xdc_Ptr` obj)
- `void ti_sysbios_gates_GateMutex_destruct` (`ti_sysbios_gates_GateMutex_Struct` \*obj)
- `xdc_Void ti_sysbios_gates_GateMutex_Object__delete__S` (`xdc_Ptr` instp)
- `void ti_sysbios_gates_GateMutex_delete` (`ti_sysbios_gates_GateMutex_Handle` \*instp)
- `xdc_Bool ti_sysbios_hal_Hwi_Module__startupDone__S` (`void`)
- `xdc_runtime_Types_Label * ti_sysbios_hal_Hwi_Handle__label__S` (`xdc_Ptr` obj, `xdc_runtime_Types_Label`  
`*lab`)
- `xdc_Void ti_sysbios_hal_Hwi_Params__init__S` (`xdc_Ptr` prms, `const void` \*src, `xdc_SizeT` psz, `xdc_SizeT`  
`isz`)
- `xdc_Ptr ti_sysbios_hal_Hwi_Object__get__S` (`xdc_Ptr` oa, `xdc_Int` i)
- `xdc_Ptr ti_sysbios_hal_Hwi_Object__first__S` (`void`)
- `xdc_Ptr ti_sysbios_hal_Hwi_Object__next__S` (`xdc_Ptr` obj)
- `xdc_Ptr ti_sysbios_hal_Hwi_Object__create__S` (`xdc_Ptr` \_\_obj, `xdc_SizeT` \_\_osz, `const xdc_Ptr` \_\_aa, `const`  
`ti_sysbios_hal_Hwi__ParamsPtr` \_\_paramsPtr, `xdc_SizeT` \_\_psz, `xdc_runtime_Error_Block` \*\_\_eb)
- `ti_sysbios_hal_Hwi_Handle ti_sysbios_hal_Hwi_create` (`xdc_Int` intNum, `ti_sysbios_hal_Hwi_FuncPtr` hwi\_↵  
`Fxn`, `const ti_sysbios_hal_Hwi_Params` \*\_\_paramsPtr, `xdc_runtime_Error_Block` \*\_\_eb)
- `void ti_sysbios_hal_Hwi_construct` (`ti_sysbios_hal_Hwi_Struct` \*\_\_obj, `xdc_Int` intNum, `ti_sysbios_hal_Hwi_↵`  
`_FuncPtr` hwiFxn, `const ti_sysbios_hal_Hwi_Params` \*\_\_paramsPtr, `xdc_runtime_Error_Block` \*\_\_eb)
- `xdc_Void ti_sysbios_hal_Hwi_Object__destruct__S` (`xdc_Ptr` obj)
- `void ti_sysbios_hal_Hwi_destruct` (`ti_sysbios_hal_Hwi_Struct` \*obj)
- `xdc_Void ti_sysbios_hal_Hwi_Object__delete__S` (`xdc_Ptr` instp)
- `void ti_sysbios_hal_Hwi_delete` (`ti_sysbios_hal_Hwi_Handle` \*instp)
- `xdc_Bool ti_sysbios_hal_Hwi_HwiProxy_Proxy__abstract__S` (`void`)
- `xdc_Ptr ti_sysbios_hal_Hwi_HwiProxy_Proxy__delegate__S` (`void`)
- `xdc_Bool ti_sysbios_heaps_HeapMem_Module__startupDone__S` (`void`)
- `xdc_runtime_Types_Label * ti_sysbios_heaps_HeapMem_Handle__label__S` (`xdc_Ptr` obj, `xdc_runtime_↵`  
`Types_Label` \*lab)
- `xdc_Void ti_sysbios_heaps_HeapMem_Params__init__S` (`xdc_Ptr` prms, `const void` \*src, `xdc_SizeT` psz,  
`xdc_SizeT` isz)
- `xdc_Ptr ti_sysbios_heaps_HeapMem_Object__get__S` (`xdc_Ptr` oa, `xdc_Int` i)
- `xdc_Ptr ti_sysbios_heaps_HeapMem_Object__first__S` (`void`)
- `xdc_Ptr ti_sysbios_heaps_HeapMem_Object__next__S` (`xdc_Ptr` obj)
- `xdc_Ptr ti_sysbios_heaps_HeapMem_Object__create__S` (`xdc_Ptr` \_\_obj, `xdc_SizeT` \_\_osz, `const xdc_↵`  
`Ptr` \_\_aa, `const ti_sysbios_heaps_HeapMem__ParamsPtr` \_\_paramsPtr, `xdc_SizeT` \_\_psz, `xdc_runtime_↵`  
`Error_Block` \*\_\_eb)
- `ti_sysbios_heaps_HeapMem_Handle ti_sysbios_heaps_HeapMem_create` (`const ti_sysbios_heaps_Heap_↵`  
`Mem_Params` \*\_\_paramsPtr, `xdc_runtime_Error_Block` \*\_\_eb)
- `void ti_sysbios_heaps_HeapMem_construct` (`ti_sysbios_heaps_HeapMem_Struct` \*\_\_obj, `const ti_sysbios_↵`  
`_heaps_HeapMem_Params` \*\_\_paramsPtr)
- `xdc_Void ti_sysbios_heaps_HeapMem_Object__destruct__S` (`xdc_Ptr` obj)
- `void ti_sysbios_heaps_HeapMem_destruct` (`ti_sysbios_heaps_HeapMem_Struct` \*obj)
- `xdc_Void ti_sysbios_heaps_HeapMem_Object__delete__S` (`xdc_Ptr` instp)

- void [ti\\_sysbios\\_heaps\\_HeapMem\\_delete](#) (ti\_sysbios\_heaps\_HeapMem\_Handle \*instp)
- xdc\_Bool [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Proxy\\_\\_abstract\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_heaps\\_HeapMem\\_Module\\_GateProxy\\_Proxy\\_\\_delegate\\_\\_S](#) (void)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Clock\\_Module\\_\\_startupDone\\_\\_S](#) (void)
- xdc\_runtime\_Types\_Label \* [ti\\_sysbios\\_knl\\_Clock\\_Handle\\_\\_label\\_\\_S](#) (xdc\_Ptr obj, xdc\_runtime\_Types\_Label \*lab)
- xdc\_Void [ti\\_sysbios\\_knl\\_Clock\\_Params\\_\\_init\\_\\_S](#) (xdc\_Ptr prms, const void \*src, xdc\_SizeT psz, xdc\_SizeT isz)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Clock\\_Object\\_\\_get\\_\\_S](#) (xdc\_Ptr oa, xdc\_Int i)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Clock\\_Object\\_\\_first\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Clock\\_Object\\_\\_next\\_\\_S](#) (xdc\_Ptr obj)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Clock\\_Object\\_\\_create\\_\\_S](#) (xdc\_Ptr \_\_obj, xdc\_SizeT \_\_osz, const xdc\_Ptr \_\_aa, const [ti\\_sysbios\\_knl\\_Clock\\_\\_ParamsPtr](#) \_\_paramsPtr, xdc\_SizeT \_\_psz, xdc\_runtime\_Error\_Block \*\_\_eb)
- ti\_sysbios\_knl\_Clock\_Handle [ti\\_sysbios\\_knl\\_Clock\\_create](#) (ti\_sysbios\_knl\_Clock\_FuncPtr clockFxn, xdc\_UInt timeout, const ti\_sysbios\_knl\_Clock\_Params \*\_\_paramsPtr, xdc\_runtime\_Error\_Block \*\_\_eb)
- void [ti\\_sysbios\\_knl\\_Clock\\_construct](#) (ti\_sysbios\_knl\_Clock\_Struct \*\_\_obj, ti\_sysbios\_knl\_Clock\_FuncPtr clockFxn, xdc\_UInt timeout, const ti\_sysbios\_knl\_Clock\_Params \*\_\_paramsPtr)
- xdc\_Void [ti\\_sysbios\\_knl\\_Clock\\_Object\\_\\_destruct\\_\\_S](#) (xdc\_Ptr obj)
- void [ti\\_sysbios\\_knl\\_Clock\\_destruct](#) (ti\_sysbios\_knl\_Clock\_Struct \*obj)
- xdc\_Void [ti\\_sysbios\\_knl\\_Clock\\_Object\\_\\_delete\\_\\_S](#) (xdc\_Ptr instp)
- void [ti\\_sysbios\\_knl\\_Clock\\_delete](#) (ti\_sysbios\_knl\_Clock\_Handle \*instp)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Proxy\\_\\_abstract\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Clock\\_TimerProxy\\_Proxy\\_\\_delegate\\_\\_S](#) (void)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Idle\\_Module\\_\\_startupDone\\_\\_S](#) (void)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Intrinsics\\_Module\\_\\_startupDone\\_\\_S](#) (void)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Intrinsics\\_SupportProxy\\_Proxy\\_\\_abstract\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Intrinsics\\_SupportProxy\\_Proxy\\_\\_delegate\\_\\_S](#) (void)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Queue\\_Module\\_\\_startupDone\\_\\_S](#) (void)
- xdc\_runtime\_Types\_Label \* [ti\\_sysbios\\_knl\\_Queue\\_Handle\\_\\_label\\_\\_S](#) (xdc\_Ptr obj, xdc\_runtime\_Types\_Label \*lab)
- xdc\_Void [ti\\_sysbios\\_knl\\_Queue\\_Params\\_\\_init\\_\\_S](#) (xdc\_Ptr prms, const void \*src, xdc\_SizeT psz, xdc\_SizeT isz)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Queue\\_Object\\_\\_get\\_\\_S](#) (xdc\_Ptr oa, xdc\_Int i)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Queue\\_Object\\_\\_first\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Queue\\_Object\\_\\_next\\_\\_S](#) (xdc\_Ptr obj)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Queue\\_Object\\_\\_create\\_\\_S](#) (xdc\_Ptr \_\_obj, xdc\_SizeT \_\_osz, const xdc\_Ptr \_\_aa, const [ti\\_sysbios\\_knl\\_Queue\\_\\_ParamsPtr](#) \_\_paramsPtr, xdc\_SizeT \_\_psz, xdc\_runtime\_Error\_Block \*\_\_eb)
- ti\_sysbios\_knl\_Queue\_Handle [ti\\_sysbios\\_knl\\_Queue\\_create](#) (const ti\_sysbios\_knl\_Queue\_Params \*\_\_paramsPtr, xdc\_runtime\_Error\_Block \*\_\_eb)
- void [ti\\_sysbios\\_knl\\_Queue\\_construct](#) (ti\_sysbios\_knl\_Queue\_Struct \*\_\_obj, const ti\_sysbios\_knl\_Queue\_Params \*\_\_paramsPtr)
- xdc\_Void [ti\\_sysbios\\_knl\\_Queue\\_Object\\_\\_destruct\\_\\_S](#) (xdc\_Ptr obj)
- void [ti\\_sysbios\\_knl\\_Queue\\_destruct](#) (ti\_sysbios\_knl\_Queue\_Struct \*obj)
- xdc\_Void [ti\\_sysbios\\_knl\\_Queue\\_Object\\_\\_delete\\_\\_S](#) (xdc\_Ptr instp)
- void [ti\\_sysbios\\_knl\\_Queue\\_delete](#) (ti\_sysbios\_knl\_Queue\_Handle \*instp)
- xdc\_Bool [ti\\_sysbios\\_knl\\_Semaphore\\_Module\\_\\_startupDone\\_\\_S](#) (void)
- xdc\_runtime\_Types\_Label \* [ti\\_sysbios\\_knl\\_Semaphore\\_Handle\\_\\_label\\_\\_S](#) (xdc\_Ptr obj, xdc\_runtime\_Types\_Label \*lab)
- xdc\_Void [ti\\_sysbios\\_knl\\_Semaphore\\_Params\\_\\_init\\_\\_S](#) (xdc\_Ptr prms, const void \*src, xdc\_SizeT psz, xdc\_SizeT isz)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Semaphore\\_Object\\_\\_get\\_\\_S](#) (xdc\_Ptr oa, xdc\_Int i)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Semaphore\\_Object\\_\\_first\\_\\_S](#) (void)
- xdc\_Ptr [ti\\_sysbios\\_knl\\_Semaphore\\_Object\\_\\_next\\_\\_S](#) (xdc\_Ptr obj)



- `xdc_Ptr ti_sysbios_knl_Semaphore_Object_create_S` (`xdc_Ptr __obj`, `xdc_SizeT __osz`, `const xdc_Ptr __aa`, `const ti_sysbios_knl_Semaphore_ParamsPtr __paramsPtr`, `xdc_SizeT __psz`, `xdc_runtime_Error_Block *__eb`)
- `ti_sysbios_knl_Semaphore_Handle ti_sysbios_knl_Semaphore_create` (`xdc_Int count`, `const ti_sysbios_knl_Semaphore_Params *__paramsPtr`, `xdc_runtime_Error_Block *__eb`)
- `void ti_sysbios_knl_Semaphore_construct` (`ti_sysbios_knl_Semaphore_Struct *__obj`, `xdc_Int count`, `const ti_sysbios_knl_Semaphore_Params *__paramsPtr`)
- `xdc_Void ti_sysbios_knl_Semaphore_Object_destruct_S` (`xdc_Ptr obj`)
- `void ti_sysbios_knl_Semaphore_destruct` (`ti_sysbios_knl_Semaphore_Struct *obj`)
- `xdc_Void ti_sysbios_knl_Semaphore_Object_delete_S` (`xdc_Ptr instp`)
- `void ti_sysbios_knl_Semaphore_delete` (`ti_sysbios_knl_Semaphore_Handle *instp`)
- `xdc_Bool ti_sysbios_knl_Swi_Module_startupDone_S` (`void`)
- `xdc_runtime_Types_Label * ti_sysbios_knl_Swi_Handle_label_S` (`xdc_Ptr obj`, `xdc_runtime_Types_Label *lab`)
- `xdc_Void ti_sysbios_knl_Swi_Params_init_S` (`xdc_Ptr prms`, `const void *src`, `xdc_SizeT psz`, `xdc_SizeT isz`)
- `xdc_Ptr ti_sysbios_knl_Swi_Object_get_S` (`xdc_Ptr oa`, `xdc_Int i`)
- `xdc_Ptr ti_sysbios_knl_Swi_Object_first_S` (`void`)
- `xdc_Ptr ti_sysbios_knl_Swi_Object_next_S` (`xdc_Ptr obj`)
- `xdc_Ptr ti_sysbios_knl_Swi_Object_create_S` (`xdc_Ptr __obj`, `xdc_SizeT __osz`, `const xdc_Ptr __aa`, `const ti_sysbios_knl_Swi_ParamsPtr __paramsPtr`, `xdc_SizeT __psz`, `xdc_runtime_Error_Block *__eb`)
- `ti_sysbios_knl_Swi_Handle ti_sysbios_knl_Swi_create` (`ti_sysbios_knl_Swi_FuncPtr swiFxn`, `const ti_sysbios_knl_Swi_Params *__paramsPtr`, `xdc_runtime_Error_Block *__eb`)
- `void ti_sysbios_knl_Swi_construct` (`ti_sysbios_knl_Swi_Struct *__obj`, `ti_sysbios_knl_Swi_FuncPtr swiFxn`, `const ti_sysbios_knl_Swi_Params *__paramsPtr`, `xdc_runtime_Error_Block *__eb`)
- `xdc_Void ti_sysbios_knl_Swi_Object_destruct_S` (`xdc_Ptr obj`)
- `void ti_sysbios_knl_Swi_destruct` (`ti_sysbios_knl_Swi_Struct *obj`)
- `xdc_Void ti_sysbios_knl_Swi_Object_delete_S` (`xdc_Ptr instp`)
- `void ti_sysbios_knl_Swi_delete` (`ti_sysbios_knl_Swi_Handle *instp`)
- `xdc_Bool ti_sysbios_knl_Task_Module_startupDone_S` (`void`)
- `xdc_runtime_Types_Label * ti_sysbios_knl_Task_Handle_label_S` (`xdc_Ptr obj`, `xdc_runtime_Types_Label *lab`)
- `xdc_Void ti_sysbios_knl_Task_Params_init_S` (`xdc_Ptr prms`, `const void *src`, `xdc_SizeT psz`, `xdc_SizeT isz`)
- `xdc_Ptr ti_sysbios_knl_Task_Object_get_S` (`xdc_Ptr oa`, `xdc_Int i`)
- `xdc_Ptr ti_sysbios_knl_Task_Object_first_S` (`void`)
- `xdc_Ptr ti_sysbios_knl_Task_Object_next_S` (`xdc_Ptr obj`)
- `xdc_Ptr ti_sysbios_knl_Task_Object_create_S` (`xdc_Ptr __obj`, `xdc_SizeT __osz`, `const xdc_Ptr __aa`, `const ti_sysbios_knl_Task_ParamsPtr __paramsPtr`, `xdc_SizeT __psz`, `xdc_runtime_Error_Block *__eb`)
- `ti_sysbios_knl_Task_Handle ti_sysbios_knl_Task_create` (`ti_sysbios_knl_Task_FuncPtr fxn`, `const ti_sysbios_knl_Task_Params *__paramsPtr`, `xdc_runtime_Error_Block *__eb`)
- `void ti_sysbios_knl_Task_construct` (`ti_sysbios_knl_Task_Struct *__obj`, `ti_sysbios_knl_Task_FuncPtr fxn`, `const ti_sysbios_knl_Task_Params *__paramsPtr`, `xdc_runtime_Error_Block *__eb`)
- `xdc_Void ti_sysbios_knl_Task_Object_destruct_S` (`xdc_Ptr obj`)
- `void ti_sysbios_knl_Task_destruct` (`ti_sysbios_knl_Task_Struct *obj`)
- `xdc_Void ti_sysbios_knl_Task_Object_delete_S` (`xdc_Ptr instp`)
- `void ti_sysbios_knl_Task_delete` (`ti_sysbios_knl_Task_Handle *instp`)
- `xdc_Bool ti_sysbios_knl_Task_SupportProxy_Proxy_abstract_S` (`void`)
- `xdc_Ptr ti_sysbios_knl_Task_SupportProxy_Proxy_delegate_S` (`void`)
- `xdc_Bool xdc_runtime_Assert_Module_startupDone_S` (`void`)
- `xdc_Bool xdc_runtime_Core_Module_startupDone_S` (`void`)
- `xdc_Bool xdc_runtime_Defaults_Module_startupDone_S` (`void`)
- `xdc_Bool xdc_runtime_Diags_Module_startupDone_S` (`void`)
- `xdc_Bool xdc_runtime_Error_Module_startupDone_S` (`void`)
- `xdc_Bool xdc_runtime_Gate_Module_startupDone_S` (`void`)

- `xdc_Bool xdc_runtime_Log_Module__startupDone__S` (void)
- `xdc_Bool xdc_runtime_Main_Module__startupDone__S` (void)
- `xdc_Bool xdc_runtime_Main_Module_GateProxy_Proxy__abstract__S` (void)
- `xdc_Ptr xdc_runtime_Main_Module_GateProxy_Proxy__delegate__S` (void)
- `xdc_Bool xdc_runtime_Memory_Module__startupDone__S` (void)
- `xdc_Bool xdc_runtime_Memory_HeapProxy_Proxy__abstract__S` (void)
- `xdc_Ptr xdc_runtime_Memory_HeapProxy_Proxy__delegate__S` (void)
- `xdc_Bool xdc_runtime_Registry_Module__startupDone__S` (void)
- `xdc_Bool xdc_runtime_Startup_Module__startupDone__S` (void)
- `xdc_Bool xdc_runtime_SysMin_Module__startupDone__S` (void)
- `xdc_Bool xdc_runtime_System_Module__startupDone__S` (void)
- `xdc_Bool xdc_runtime_System_Module_GateProxy_Proxy__abstract__S` (void)
- `xdc_Ptr xdc_runtime_System_Module_GateProxy_Proxy__delegate__S` (void)
- `xdc_Bool xdc_runtime_System_SupportProxy_Proxy__abstract__S` (void)
- `xdc_Ptr xdc_runtime_System_SupportProxy_Proxy__delegate__S` (void)
- `xdc_Bool xdc_runtime_Text_Module__startupDone__S` (void)
- `int __xdc_init` (void)

## Variables

- `ti_sysbios_BIOS_RtsGateProxy_Module__ti_sysbios_BIOS_RtsGateProxy_Module__root__V`
- `ti_sysbios_family_arm_lm4_Timer_Module__ti_sysbios_family_arm_lm4_Timer_Module__root__V`
- `ti_sysbios_family_arm_m3_Hwi_Module__ti_sysbios_family_arm_m3_Hwi_Module__root__V`
- `ti_sysbios_gates_GateHwi_Module__ti_sysbios_gates_GateHwi_Module__root__V`
- `ti_sysbios_gates_GateMutex_Module__ti_sysbios_gates_GateMutex_Module__root__V`
- `ti_sysbios_hal_Hwi_Module__ti_sysbios_hal_Hwi_Module__root__V`
- `ti_sysbios_hal_Hwi_HwiProxy_Module__ti_sysbios_hal_Hwi_HwiProxy_Module__root__V`
- `ti_sysbios_heaps_HeapMem_Module__ti_sysbios_heaps_HeapMem_Module__root__V`
- `ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__root__V`
- `ti_sysbios_knl_Clock_Module__ti_sysbios_knl_Clock_Module__root__V`
- `ti_sysbios_knl_Clock_TimerProxy_Module__ti_sysbios_knl_Clock_TimerProxy_Module__root__V`
- `ti_sysbios_knl_Queue_Module__ti_sysbios_knl_Queue_Module__root__V`
- `ti_sysbios_knl_Semaphore_Module__ti_sysbios_knl_Semaphore_Module__root__V`
- `ti_sysbios_knl_Swi_Module__ti_sysbios_knl_Swi_Module__root__V`
- `ti_sysbios_knl_Task_Module__ti_sysbios_knl_Task_Module__root__V`
- `xdc_runtime_Main_Module_GateProxy_Module__xdc_runtime_Main_Module_GateProxy_Module__root__V`
- `xdc_runtime_Memory_HeapProxy_Module__xdc_runtime_Memory_HeapProxy_Module__root__V`
- `xdc_runtime_System_Module_GateProxy_Module__xdc_runtime_System_Module_GateProxy_Module__root__V`
- `__FAR__ const xdc_runtime_Types_Base xdc_runtime_ISystemSupport_Interface__BASE__C = {(void *)&xdc_runtime_IModule_Interface__BASE__C}`
- `__FAR__ const xdc_runtime_Types_Base xdc_runtime_IGateProvider_Interface__BASE__C = {(void *)&xdc_runtime_IModule_Interface__BASE__C}`
- `__FAR__ const xdc_runtime_Types_Base xdc_runtime_IModule_Interface__BASE__C = {0}`
- `__FAR__ const xdc_runtime_Types_Base xdc_runtime_IHeap_Interface__BASE__C = {(void *)&xdc_runtime_IModule_Interface__BASE__C}`
- `__FAR__ const xdc_runtime_Types_Base ti_sysbios_interfaces_IIntrinsicsSupport_Interface__BASE__C = {(void *)&xdc_runtime_IModule_Interface__BASE__C}`
- `const ti_sysbios_family_arm_m3_IntrinsicsSupport_Fxns__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__FXNS__C`
- `const ti_sysbios_gates_GateHwi_Fxns__ti_sysbios_gates_GateHwi_Module__FXNS__C`
- `const ti_sysbios_gates_GateMutex_Fxns__ti_sysbios_gates_GateMutex_Module__FXNS__C`
- `const ti_sysbios_heaps_HeapMem_Fxns__ti_sysbios_heaps_HeapMem_Module__FXNS__C`
- `const xdc_runtime_SysMin_Fxns__xdc_runtime_SysMin_Module__FXNS__C`
- `ti_sysbios_BIOS_Module_State__ti_sysbios_BIOS_Module__state__V`
- `ti_sysbios_family_arm_lm4_Timer_Object__ti_sysbios_family_arm_lm4_Timer_Object__table__V [1]`

- `__T1_ti_sysbios_family_arm_lm4_Timer_Module_State__device` [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Module\\_State\\_0\\_device](#) [8]
- `__T1_ti_sysbios_family_arm_lm4_Timer_Module_State__handles` [ti\\_sysbios\\_family\\_arm\\_lm4\\_Timer\\_Module\\_State\\_0\\_handles](#) [8]
- `ti_sysbios_family_arm_lm4_Timer_Module_State__ti_sysbios_family_arm_lm4_Timer_Module__state__V`
- `ti_sysbios_family_arm_m3_Hwi_Object__ti_sysbios_family_arm_m3_Hwi_Object__table__V` [1]
- `__T1_ti_sysbios_family_arm_m3_Hwi_Module_State__excActive` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_State\\_0\\_excActive](#) [1]
- `__T1_ti_sysbios_family_arm_m3_Hwi_Module_State__excContext` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_State\\_0\\_excContext](#) [1]
- `__T1_ti_sysbios_family_arm_m3_Hwi_Module_State__excStack` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_State\\_0\\_excStack](#) [1]
- `void * __TI_STACK_BASE`
- `ti_sysbios_family_arm_m3_Hwi_Module_State__ti_sysbios_family_arm_m3_Hwi_Module__state__V`
- `const __T1_ti_sysbios_family_arm_m3_Hwi_excHookFuncs` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_excHookFuncs\\_\\_A](#) [2]
- `ti_sysbios_gates_GateHwi_Object__ti_sysbios_gates_GateHwi_Object__table__V` [1]
- `ti_sysbios_gates_GateMutex_Object__ti_sysbios_gates_GateMutex_Object__table__V` [2]
- `__T1_ti_sysbios_heaps_HeapMem_Instance_State__buf` [ti\\_sysbios\\_heaps\\_HeapMem\\_Instance\\_State\\_0\\_buf\\_\\_A](#) [1024]
- `ti_sysbios_heaps_HeapMem_Object__ti_sysbios_heaps_HeapMem_Object__table__V` [1]
- `ti_sysbios_knl_Clock_Module_State__ti_sysbios_knl_Clock_Module__state__V`
- `const __T1_ti_sysbios_knl_Idle_funcList` [ti\\_sysbios\\_knl\\_Idle\\_funcList\\_\\_A](#) [1]
- `const __T1_ti_sysbios_knl_Idle_coreList` [ti\\_sysbios\\_knl\\_Idle\\_coreList\\_\\_A](#) [1]
- `ti_sysbios_knl_Swi_Object__ti_sysbios_knl_Swi_Object__table__V` [1]
- `__T1_ti_sysbios_knl_Swi_Module_State__readyQ` [ti\\_sysbios\\_knl\\_Swi\\_Module\\_State\\_0\\_readyQ\\_\\_A](#) [16]
- `ti_sysbios_knl_Swi_Module_State__ti_sysbios_knl_Swi_Module__state__V`
- `__T1_ti_sysbios_knl_Task_Instance_State__stack` [ti\\_sysbios\\_knl\\_Task\\_Instance\\_State\\_0\\_stack\\_\\_A](#) [512]
- `ti_sysbios_knl_Task_Object__ti_sysbios_knl_Task_Object__table__V` [1]
- `__T1_ti_sysbios_knl_Task_Module_State__readyQ` [ti\\_sysbios\\_knl\\_Task\\_Module\\_State\\_0\\_readyQ\\_\\_A](#) [16]
- `__T1_ti_sysbios_knl_Task_Module_State__idleTask` [ti\\_sysbios\\_knl\\_Task\\_Module\\_State\\_0\\_idleTask\\_\\_A](#) [1]
- `ti_sysbios_knl_Task_Module_State__ti_sysbios_knl_Task_Module__state__V`
- `xdc_runtime_Error_Module_State__xdc_runtime_Error_Module__state__V`
- `xdc_runtime_Memory_Module_State__xdc_runtime_Memory_Module__state__V`
- `xdc_runtime_Registry_Module_State__xdc_runtime_Registry_Module__state__V`
- `xdc_runtime_Startup_Module_State__xdc_runtime_Startup_Module__state__V`
- `const __T1_xdc_runtime_Startup_firstFxn` [xdc\\_runtime\\_Startup\\_firstFxn\\_\\_A](#) [5]
- `const __T1_xdc_runtime_Startup_sfxnTab` [xdc\\_runtime\\_Startup\\_sfxnTab\\_\\_A](#) [8]
- `const __T1_xdc_runtime_Startup_sfxnRts` [xdc\\_runtime\\_Startup\\_sfxnRts\\_\\_A](#) [8]
- `__T1_xdc_runtime_SysMin_Module_State__outbuf` [xdc\\_runtime\\_SysMin\\_Module\\_State\\_0\\_outbuf\\_\\_A](#) [128]
- `xdc_runtime_SysMin_Module_State__xdc_runtime_SysMin_Module__state__V`
- `__T1_xdc_runtime_System_Module_State__atexitHandlers` [xdc\\_runtime\\_System\\_Module\\_State\\_0\\_atexitHandlers\\_\\_A](#) [2]
- `xdc_runtime_System_Module_State__xdc_runtime_System_Module__state__V`
- `xdc_runtime_Text_Module_State__xdc_runtime_Text_Module__state__V`
- `const __T1_xdc_runtime_Text_charTab` [xdc\\_runtime\\_Text\\_charTab\\_\\_A](#) [6241]
- `const __T1_xdc_runtime_Text_nodeTab` [xdc\\_runtime\\_Text\\_nodeTab\\_\\_A](#) [47]
- `__FAR__ const xdc_SizeT` [ti\\_sysbios\\_gates\\_GateMutex\\_Instance\\_State\\_sem\\_\\_O](#) = `offsetof(ti_sysbios_gates_GateMutex_Object, field_sem)`
- `__FAR__ const xdc_SizeT` [ti\\_sysbios\\_knl\\_Clock\\_Module\\_State\\_clockQ\\_\\_O](#) = `offsetof(ti_sysbios_knl_Clock_Module_State__, Object_field_clockQ)`
- `__FAR__ const xdc_SizeT` [ti\\_sysbios\\_knl\\_Semaphore\\_Instance\\_State\\_pendQ\\_\\_O](#) = `offsetof(ti_sysbios_knl_Semaphore_Object, field_pendQ)`
- `__FAR__ const xdc_SizeT` [ti\\_sysbios\\_knl\\_Task\\_Module\\_State\\_inactiveQ\\_\\_O](#) = `offsetof(ti_sysbios_knl_Task_Module_State__, Object_field_inactiveQ)`



- `__FAR__ const xdc_SizeT ti_sysbios_knl_Task_Module_State_terminatedQ__O = offsetof(ti_sysbios_knl_Task_Module_State, Object_field_terminatedQ)`
- `const UInt32 ti_sysbios_family_arm_m3_Hwi_resetVectors []`
- `UInt32 ti_sysbios_family_arm_m3_Hwi_ramVectors [216]`
- `UInt32 ti_sysbios_family_arm_m3_Hwi_dispatchTable [216]`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__diagsEnabled ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__diagsEnabled = (xdc_Bits32)0x90`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__diagsIncluded ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__diagsIncluded = (xdc_Bits32)0x90`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__diagsMask ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__diagsMask = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__diagsMask)0)`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__gateObj ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__gateObj = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__gateObj)0)`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__gatePrms ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__gatePrms = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__gatePrms)0)`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__id ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__id = (xdc_Bits16)0x8015`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerDefined ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerDefined = 0`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerObj ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerObj = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerObj)0)`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn0 ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn0 = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn0)0)`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn1 ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn1 = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn1)0)`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn2 ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn2 = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn2)0)`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn4 ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn4 = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn4)0)`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn8 ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn8 = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn8)0)`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__startupDoneFxn ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__startupDoneFxn = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__startupDoneFxn)0)`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Object__count ti_catalog_arm_cortexm4_tiva_ce_Boot_Object__count = 0`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Object__heap ti_catalog_arm_cortexm4_tiva_ce_Boot_Object__heap = 0`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Object__sizeof ti_catalog_arm_cortexm4_tiva_ce_Boot_Object__sizeof = 0`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Object__table ti_catalog_arm_cortexm4_tiva_ce_Boot_Object__table = 0`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_A__mustUseEnhancedClockMode ti_catalog_arm_cortexm4_tiva_ce_Boot_A__mustUseEnhancedClockMode = (((xdc_runtime_Assert_Id)400) << 16 | 16)`
- `__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_A__mustNotUseEnhancedClockMode ti_catalog_arm_cortexm4_tiva_ce_Boot_A__mustNotUseEnhancedClockMode = (((xdc_runtime_Assert_Id)474) << 16 | 16)`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__diagsEnabled ti_sysbios_BIOS_Module__diagsEnabled__C = (xdc_Bits32)0x90`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__diagsIncluded ti_sysbios_BIOS_Module__diagsIncluded__C = (xdc_Bits32)0x90`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__diagsMask ti_sysbios_BIOS_Module__diagsMask__C = ((CT__ti_sysbios_BIOS_Module__diagsMask)0)`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__gateObj ti_sysbios_BIOS_Module__gateObj__C = ((CT__ti_sysbios_BIOS_Module__gateObj)0)`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__gatePrms ti_sysbios_BIOS_Module__gatePrms__C = ((CT__ti_sysbios_BIOS_Module__gatePrms)0)`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__id ti_sysbios_BIOS_Module__id__C = (xdc_Bits16)0x8021`

- `__FAR__ const CT__ti_sysbios_BIOS_Module__loggerDefined ti_sysbios_BIOS_Module__loggerDefined__C = 0`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__loggerObj ti_sysbios_BIOS_Module__loggerObj__C = ((CT__ti_sysbios_BIOS_Module__loggerObj)0)`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__loggerFxn0 ti_sysbios_BIOS_Module__loggerFxn0__C = ((CT__ti_sysbios_BIOS_Module__loggerFxn0)0)`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__loggerFxn1 ti_sysbios_BIOS_Module__loggerFxn1__C = ((CT__ti_sysbios_BIOS_Module__loggerFxn1)0)`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__loggerFxn2 ti_sysbios_BIOS_Module__loggerFxn2__C = ((CT__ti_sysbios_BIOS_Module__loggerFxn2)0)`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__loggerFxn4 ti_sysbios_BIOS_Module__loggerFxn4__C = ((CT__ti_sysbios_BIOS_Module__loggerFxn4)0)`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__loggerFxn8 ti_sysbios_BIOS_Module__loggerFxn8__C = ((CT__ti_sysbios_BIOS_Module__loggerFxn8)0)`
- `__FAR__ const CT__ti_sysbios_BIOS_Module__startupDoneFxn ti_sysbios_BIOS_Module__startupDoneFxn__C = ((CT__ti_sysbios_BIOS_Module__startupDoneFxn)0)`
- `__FAR__ const CT__ti_sysbios_BIOS_Object__count ti_sysbios_BIOS_Object__count__C = 0`
- `__FAR__ const CT__ti_sysbios_BIOS_Object__heap ti_sysbios_BIOS_Object__heap__C = 0`
- `__FAR__ const CT__ti_sysbios_BIOS_Object__sizeof ti_sysbios_BIOS_Object__sizeof__C = 0`
- `__FAR__ const CT__ti_sysbios_BIOS_Object__table ti_sysbios_BIOS_Object__table__C = 0`
- `__FAR__ const CT__ti_sysbios_BIOS_smpEnabled ti_sysbios_BIOS_smpEnabled__C = 0`
- `__FAR__ const CT__ti_sysbios_BIOS_cpuFreq ti_sysbios_BIOS_cpuFreq__C`
- `__FAR__ const CT__ti_sysbios_BIOS_runtimeCreatesEnabled ti_sysbios_BIOS_runtimeCreatesEnabled__C = 1`
- `__FAR__ const CT__ti_sysbios_BIOS_taskEnabled ti_sysbios_BIOS_taskEnabled__C = 1`
- `__FAR__ const CT__ti_sysbios_BIOS_swiEnabled ti_sysbios_BIOS_swiEnabled__C = 1`
- `__FAR__ const CT__ti_sysbios_BIOS_clockEnabled ti_sysbios_BIOS_clockEnabled__C = 1`
- `__FAR__ const CT__ti_sysbios_BIOS_heapSize ti_sysbios_BIOS_heapSize__C = (xdc_SizeT)0x400`
- `__FAR__ const CT__ti_sysbios_BIOS_heapSection ti_sysbios_BIOS_heapSection__C = 0`
- `__FAR__ const CT__ti_sysbios_BIOS_heapTrackEnabled ti_sysbios_BIOS_heapTrackEnabled__C = 0`
- `__FAR__ const CT__ti_sysbios_BIOS_setupSecureContext ti_sysbios_BIOS_setupSecureContext__C = 0`
- `__FAR__ const CT__ti_sysbios_BIOS_useSK ti_sysbios_BIOS_useSK__C = 0`
- `__FAR__ const CT__ti_sysbios_BIOS_installedErrorHook ti_sysbios_BIOS_installedErrorHook__C = ((CT__ti_sysbios_BIOS_installedErrorHook)((xdc_Fxn)xdc_runtime_Error_print__E))`
- `__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_family_arm_lm4_Timer_Object__DESC__C`
- `__FAR__ const ti_sysbios_family_arm_lm4_Timer_Params ti_sysbios_family_arm_lm4_Timer_Object__PARAMS__C`
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__diagsEnabled ti_sysbios_family_arm_lm4_Timer_Module__diagsEnabled__C = (xdc_Bits32)0x90`
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__diagsIncluded ti_sysbios_family_arm_lm4_Timer_Module__diagsIncluded__C = (xdc_Bits32)0x90`
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__diagsMask ti_sysbios_family_arm_lm4_Timer_Module__diagsMask__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__diagsMask)0)`
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__gateObj ti_sysbios_family_arm_lm4_Timer_Module__gateObj__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__gateObj)0)`
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__gatePrms ti_sysbios_family_arm_lm4_Timer_Module__gatePrms__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__gatePrms)0)`
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__id ti_sysbios_family_arm_lm4_Timer_Module__id__C = (xdc_Bits16)0x802e`
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerDefined ti_sysbios_family_arm_lm4_Timer_Module__loggerDefined__C = 0`
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerObj ti_sysbios_family_arm_lm4_Timer_Module__loggerObj__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerObj)0)`
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn0 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn0__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn0)0)`
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn1 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn1__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn1)0)`

- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn2 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn2`  
= ((CT\_\_ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn4 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn4`  
= ((CT\_\_ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn8 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn8`  
= ((CT\_\_ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__startupDoneFxn ti_sysbios_family_arm_lm4_Timer_Module__startupDoneFxn`  
= ((CT\_\_ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Object__count ti_sysbios_family_arm_lm4_Timer_Object__count_C`  
= 1
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Object__heap ti_sysbios_family_arm_lm4_Timer_Object__heap_C`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Object__sizeof ti_sysbios_family_arm_lm4_Timer_Object__sizeof_C`  
= sizeof(ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_)
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Object__table ti_sysbios_family_arm_lm4_Timer_Object__table_C`  
= ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_table\_\_V
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_E_invalidTimer ti_sysbios_family_arm_lm4_Timer_E_invalidTimer_C`  
= (((xdc\_runtime\_Error\_Id)4522) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_E_notAvailable ti_sysbios_family_arm_lm4_Timer_E_notAvailable_C`  
= (((xdc\_runtime\_Error\_Id)4558) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_E_cannotSupport ti_sysbios_family_arm_lm4_Timer_E_cannotSupport_C`  
= (((xdc\_runtime\_Error\_Id)4597) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_E_noaltclk ti_sysbios_family_arm_lm4_Timer_E_noaltclk_C`  
= (((xdc\_runtime\_Error\_Id)4781) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_anyMask ti_sysbios_family_arm_lm4_Timer_anyMask_C`  
= (xdc\_UInt)0xff
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_supportsAltclk ti_sysbios_family_arm_lm4_Timer_supportsAltclk_C`  
= 1
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_enableFunc ti_sysbios_family_arm_lm4_Timer_enableFunc_C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_lm4\_Timer\_enableFunc)((xdc\_Fxn)ti\_sysbios\_family\_arm\_lm4\_Timer\_enableTiva))
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_disableFunc ti_sysbios_family_arm_lm4_Timer_disableFunc_C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_lm4\_Timer\_disableFunc)((xdc\_Fxn)ti\_sysbios\_family\_arm\_lm4\_Timer\_disableTiva))
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_startupNeeded ti_sysbios_family_arm_lm4_Timer_startupNeeded_C`  
= (xdc\_UInt)0x1
- `__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_numTimerDevices ti_sysbios_family_arm_lm4_Timer_numTimerDevices_C`  
= (xdc\_Int)0x8
- `__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_family_arm_m3_Hwi_Object__DESC_C`
- `__FAR__ const ti_sysbios_family_arm_m3_Hwi_Params ti_sysbios_family_arm_m3_Hwi_Object__PARAMS_C`
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__diagsEnabled ti_sysbios_family_arm_m3_Hwi_Module__diagsEnabled_C`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__diagsIncluded ti_sysbios_family_arm_m3_Hwi_Module__diagsIncluded_C`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__diagsMask ti_sysbios_family_arm_m3_Hwi_Module__diagsMask_C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_diagsMask)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__gateObj ti_sysbios_family_arm_m3_Hwi_Module__gateObj_C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_gateObj)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__gatePrms ti_sysbios_family_arm_m3_Hwi_Module__gatePrms_C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_gatePrms)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__id ti_sysbios_family_arm_m3_Hwi_Module__id_C`  
= (xdc\_Bits16)0x8025
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerDefined ti_sysbios_family_arm_m3_Hwi_Module__loggerDefined_C`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerObj ti_sysbios_family_arm_m3_Hwi_Module__loggerObj_C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerObj)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn0 ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn0_C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerFxn0)0)

- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn1` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_\\_loggerFxn1](#)  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn2` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_\\_loggerFxn2](#)  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn4` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_\\_loggerFxn4](#)  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn8` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_\\_loggerFxn8](#)  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__startupDoneFxn` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Module\\_\\_startupDoneFxn](#)  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Object__count` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object\\_\\_count\\_C](#)  
= 1
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Object__heap` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object\\_\\_heap\\_C](#)  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Object__sizeof` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object\\_\\_sizeof\\_C](#)  
= sizeof([ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object\\_\\_](#))
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Object__table` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object\\_\\_table\\_C](#)  
= [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_Object\\_\\_table\\_V](#)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_dispatcherAutoNestingSupport` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_dispatcherAutoNestingSupport\\_C](#)  
= 1
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_dispatcherSwiSupport` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_dispatcherSwiSupport\\_C](#)  
= 1
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_dispatcherTaskSupport` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_dispatcherTaskSupport\\_C](#)  
= 1
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_dispatcherIrpTrackingSupport` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_dispatcherIrpTrackingSupport\\_C](#)  
= 1
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_NUM_INTERRUPTS` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_NUM\\_INTERRUPTS\\_C](#)  
= (xdc\_Int)0xd8
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_NUM_PRIORITIES` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_NUM\\_PRIORITIES\\_C](#)  
= (xdc\_Int)0x8
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_LM_begin` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_LM\\_begin\\_C](#)  
= (((xdc\_runtime\_Log\_Event)5809) << 16 | 768)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_LD_end` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_LD\\_end\\_C](#)  
= (((xdc\_runtime\_Log\_Event)5879) << 16 | 512)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_A_unsupportedMaskingOption` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_A\\_unsupportedMaskingOption\\_C](#)  
= (((xdc\_runtime\_Assert\_Id)2092) << 16 | 16)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_alreadyDefined` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_E\\_alreadyDefined\\_C](#)  
= (((xdc\_runtime\_Error\_Id)4036) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_hwiLimitExceeded` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_E\\_hwiLimitExceeded\\_C](#)  
= (((xdc\_runtime\_Error\_Id)4084) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_exception` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_E\\_exception\\_C](#)  
= (((xdc\_runtime\_Error\_Id)4132) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_nolr` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_E\\_nolr\\_C](#)  
= (((xdc\_runtime\_Error\_Id)4337) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_NMI` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_E\\_NMI\\_C](#) =  
(((xdc\_runtime\_Error\_Id)4365) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_hardFault` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_E\\_hardFault\\_C](#)  
= (((xdc\_runtime\_Error\_Id)4375) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_memFault` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_E\\_memFault\\_C](#)  
= (((xdc\_runtime\_Error\_Id)4391) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_busFault` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_E\\_busFault\\_C](#)  
= (((xdc\_runtime\_Error\_Id)4421) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_usageFault` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_E\\_usageFault\\_C](#)  
= (((xdc\_runtime\_Error\_Id)4451) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_svCall` [ti\\_sysbios\\_family\\_arm\\_m3\\_Hwi\\_E\\_svCall\\_C](#)  
= (((xdc\_runtime\_Error\_Id)4468) << 16 | 0)

- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_debugMon ti_sysbios_family_arm_m3_Hwi_E_debugMon__C`  
= (((xdc\_runtime\_Error\_Id)4489) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_reserved ti_sysbios_family_arm_m3_Hwi_E_reserved__C`  
= (((xdc\_runtime\_Error\_Id)4504) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_nullIsrFunc ti_sysbios_family_arm_m3_Hwi_nullIsrFunc__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_nullIsrFunc)((xdc\_Fxn)ti\_sysbios\_family\_arm\_m3\_Hwi\_excHandlerAsm\_\_I))
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_excHandlerFunc ti_sysbios_family_arm_m3_Hwi_excHandlerFunc__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_excHandlerFunc)((xdc\_Fxn)ti\_sysbios\_family\_arm\_m3\_Hwi\_excHandlerMax\_\_I))
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_excHookFunc ti_sysbios_family_arm_m3_Hwi_excHookFunc__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_excHookFunc)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_excHookFuncs ti_sysbios_family_arm_m3_Hwi_excHookFuncs__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_excHookFuncs)ti\_sysbios\_family\_arm\_m3\_Hwi\_excHookFuncs\_\_A)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_disablePriority ti_sysbios_family_arm_m3_Hwi_disablePriority__C`  
= (xdc\_UInt)0x20
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_priGroup ti_sysbios_family_arm_m3_Hwi_priGroup__C`  
= (xdc\_UInt)0x0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_numSparseInterrupts ti_sysbios_family_arm_m3_Hwi_numSparseInterrupts__C`  
= (xdc\_UInt)0x0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_swiDisable ti_sysbios_family_arm_m3_Hwi_swiDisable__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_swiDisable)((xdc\_Fxn)ti\_sysbios\_knl\_Swi\_disable\_\_E))
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_swiRestoreHwi ti_sysbios_family_arm_m3_Hwi_swiRestoreHwi__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_swiRestoreHwi)((xdc\_Fxn)ti\_sysbios\_knl\_Swi\_restoreHwi\_\_E))
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_taskDisable ti_sysbios_family_arm_m3_Hwi_taskDisable__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_taskDisable)((xdc\_Fxn)ti\_sysbios\_knl\_Task\_disable\_\_E))
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_taskRestoreHwi ti_sysbios_family_arm_m3_Hwi_taskRestoreHwi__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_Hwi\_taskRestoreHwi)((xdc\_Fxn)ti\_sysbios\_knl\_Task\_restoreHwi\_\_E))
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_ccr ti_sysbios_family_arm_m3_Hwi_ccr__C` = (xdc\_UInt32)0x200
- `__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_hooks ti_sysbios_family_arm_m3_Hwi_hooks__C` = {0, 0}
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__diagsEnabled ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__diagsEnabled__C`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__diagsIncluded ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__diagsIncluded__C`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__diagsMask ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__diagsMask__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_diagsMask)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__gateObj ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__gateObj__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_gateObj)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__gatePrms ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__gatePrms__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_gatePrms)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__id ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__id__C`  
= (xdc\_Bits16)0x8026
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerDefined ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerDefined__C`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerObj ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerObj__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerObj)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn0 ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn0__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn1 ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn1__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn2 ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn2__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn4 ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn4__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn8 ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn8__C`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerFxn8)0)



- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__startupDoneFxn ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__startupDoneFxn`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__count ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__count`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__heap ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__heap`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__sizeof ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__sizeof`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__table ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__table`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__diagsEnabled ti_sysbios_family_arm_m3_TaskSupport_Module__diagsEnabled`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__diagsIncluded ti_sysbios_family_arm_m3_TaskSupport_Module__diagsIncluded`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__diagsMask ti_sysbios_family_arm_m3_TaskSupport_Module__diagsMask`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_diagsMask)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__gateObj ti_sysbios_family_arm_m3_TaskSupport_Module__gateObj`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_gateObj)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__gatePrms ti_sysbios_family_arm_m3_TaskSupport_Module__gatePrms`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_gatePrms)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__id ti_sysbios_family_arm_m3_TaskSupport_Module__id`  
= (xdc\_Bits16)0x8027
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerDefined ti_sysbios_family_arm_m3_TaskSupport_Module__loggerDefined`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerObj ti_sysbios_family_arm_m3_TaskSupport_Module__loggerObj`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerObj)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn0 ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn0`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn1 ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn1`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn2 ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn2`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn4 ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn4`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn8 ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn8`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__startupDoneFxn ti_sysbios_family_arm_m3_TaskSupport_Module__startupDoneFxn`  
= ((CT\_\_ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Object__count ti_sysbios_family_arm_m3_TaskSupport_Object__count`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Object__heap ti_sysbios_family_arm_m3_TaskSupport_Object__heap`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Object__sizeof ti_sysbios_family_arm_m3_TaskSupport_Object__sizeof`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Object__table ti_sysbios_family_arm_m3_TaskSupport_Object__table`  
= 0
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_defaultStackSize ti_sysbios_family_arm_m3_TaskSupport_defaultStackSize`  
= (xdc\_SizeT)0x800
- `__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_stackAlignment ti_sysbios_family_arm_m3_TaskSupport_stackAlignment`  
= (xdc\_UInt)0x8
- `__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_gates_GateHwi_Object__DESC__C`
- `__FAR__ const ti_sysbios_gates_GateHwi_Params ti_sysbios_gates_GateHwi_Object__PARAMS__C`
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__diagsEnabled ti_sysbios_gates_GateHwi_Module__diagsEnabled`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__diagsIncluded ti_sysbios_gates_GateHwi_Module__diagsIncluded`  
= (xdc\_Bits32)0x90

- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__diagsMask ti_sysbios_gates_GateHwi_Module__diagsMask__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateHwi\_Module\_\_diagsMask)0)
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__gateObj ti_sysbios_gates_GateHwi_Module__gateObj__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateHwi\_Module\_\_gateObj)0)
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__gatePrms ti_sysbios_gates_GateHwi_Module__gatePrms__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateHwi\_Module\_\_gatePrms)0)
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__id ti_sysbios_gates_GateHwi_Module__id__C` =  
(xdc\_Bits16)0x8029
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerDefined ti_sysbios_gates_GateHwi_Module__loggerDefined`  
= 0
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerObj ti_sysbios_gates_GateHwi_Module__loggerObj__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerObj)0)
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerFxn0 ti_sysbios_gates_GateHwi_Module__loggerFxn0__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerFxn1 ti_sysbios_gates_GateHwi_Module__loggerFxn1__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerFxn2 ti_sysbios_gates_GateHwi_Module__loggerFxn2__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerFxn4 ti_sysbios_gates_GateHwi_Module__loggerFxn4__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerFxn8 ti_sysbios_gates_GateHwi_Module__loggerFxn8__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__startupDoneFxn ti_sysbios_gates_GateHwi_Module__startupDone`  
= ((CT\_\_ti\_sysbios\_gates\_GateHwi\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Object__count ti_sysbios_gates_GateHwi_Object__count__C`  
= 1
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Object__heap ti_sysbios_gates_GateHwi_Object__heap__C`  
= 0
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Object__sizeof ti_sysbios_gates_GateHwi_Object__sizeof__C`  
= sizeof(ti\_sysbios\_gates\_GateHwi\_Object\_\_)
- `__FAR__ const CT__ti_sysbios_gates_GateHwi_Object__table ti_sysbios_gates_GateHwi_Object__table__C`  
= ti\_sysbios\_gates\_GateHwi\_Object\_\_table\_\_V
- `__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_gates_GateMutex_Object__DESC__C`
- `__FAR__ const ti_sysbios_gates_GateMutex_Params ti_sysbios_gates_GateMutex_Object__PARAMS__C`
- `__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__diagsEnabled ti_sysbios_gates_GateMutex_Module__diagsEnab`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__diagsIncluded ti_sysbios_gates_GateMutex_Module__diagsInclu`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__diagsMask ti_sysbios_gates_GateMutex_Module__diagsMask`  
= ((CT\_\_ti\_sysbios\_gates\_GateMutex\_Module\_\_diagsMask)0)
- `__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__gateObj ti_sysbios_gates_GateMutex_Module__gateObj__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateMutex\_Module\_\_gateObj)0)
- `__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__gatePrms ti_sysbios_gates_GateMutex_Module__gatePrms__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateMutex\_Module\_\_gatePrms)0)
- `__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__id ti_sysbios_gates_GateMutex_Module__id__C`  
= (xdc\_Bits16)0x802a
- `__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerDefined ti_sysbios_gates_GateMutex_Module__loggerDef`  
= 0
- `__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerObj ti_sysbios_gates_GateMutex_Module__loggerObj__C`  
= ((CT\_\_ti\_sysbios\_gates\_GateMutex\_Module\_\_loggerObj)0)
- `__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerFxn0 ti_sysbios_gates_GateMutex_Module__loggerFxn0`  
= ((CT\_\_ti\_sysbios\_gates\_GateMutex\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerFxn1 ti_sysbios_gates_GateMutex_Module__loggerFxn1`  
= ((CT\_\_ti\_sysbios\_gates\_GateMutex\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerFxn2 ti_sysbios_gates_GateMutex_Module__loggerFxn2`  
= ((CT\_\_ti\_sysbios\_gates\_GateMutex\_Module\_\_loggerFxn2)0)

```

• __FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerFxn4 ti_sysbios_gates_GateMutex_Module__loggerFxn4_C
= ((CT__ti_sysbios_gates_GateMutex_Module__loggerFxn4)0)
• __FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerFxn8 ti_sysbios_gates_GateMutex_Module__loggerFxn8_C
= ((CT__ti_sysbios_gates_GateMutex_Module__loggerFxn8)0)
• __FAR__ const CT__ti_sysbios_gates_GateMutex_Module__startupDoneFxn ti_sysbios_gates_GateMutex_Module__startupDoneFxn_C
= ((CT__ti_sysbios_gates_GateMutex_Module__startupDoneFxn)0)
• __FAR__ const CT__ti_sysbios_gates_GateMutex_Object__count ti_sysbios_gates_GateMutex_Object__count_C
= 2
• __FAR__ const CT__ti_sysbios_gates_GateMutex_Object__heap ti_sysbios_gates_GateMutex_Object__heap_C
= 0
• __FAR__ const CT__ti_sysbios_gates_GateMutex_Object__sizeof ti_sysbios_gates_GateMutex_Object__sizeof_C
= sizeof(ti_sysbios_gates_GateMutex_Object__)
• __FAR__ const CT__ti_sysbios_gates_GateMutex_Object__table ti_sysbios_gates_GateMutex_Object__table_C
= ti_sysbios_gates_GateMutex_Object__table_V
• __FAR__ const CT__ti_sysbios_gates_GateMutex_A_badContext ti_sysbios_gates_GateMutex_A_badContext_C
= (((xdc_runtime_Assert_Id)2605) << 16 | 16)
• __FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_hal_Hwi_Object__DESC_C
• __FAR__ const ti_sysbios_hal_Hwi_Params ti_sysbios_hal_Hwi_Object__PARAMS_C
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__diagsEnabled ti_sysbios_hal_Hwi_Module__diagsEnabled_C
= (xdc_Bits32)0x90
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__diagsIncluded ti_sysbios_hal_Hwi_Module__diagsIncluded_C
= (xdc_Bits32)0x90
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__diagsMask ti_sysbios_hal_Hwi_Module__diagsMask_C
= ((CT__ti_sysbios_hal_Hwi_Module__diagsMask)0)
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__gateObj ti_sysbios_hal_Hwi_Module__gateObj_C
= ((CT__ti_sysbios_hal_Hwi_Module__gateObj)0)
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__gatePrms ti_sysbios_hal_Hwi_Module__gatePrms_C
= ((CT__ti_sysbios_hal_Hwi_Module__gatePrms)0)
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__id ti_sysbios_hal_Hwi_Module__id_C = (xdc_Bits16)0x8020
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerDefined ti_sysbios_hal_Hwi_Module__loggerDefined_C
= 0
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerObj ti_sysbios_hal_Hwi_Module__loggerObj_C
= ((CT__ti_sysbios_hal_Hwi_Module__loggerObj)0)
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerFxn0 ti_sysbios_hal_Hwi_Module__loggerFxn0_C
= ((CT__ti_sysbios_hal_Hwi_Module__loggerFxn0)0)
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerFxn1 ti_sysbios_hal_Hwi_Module__loggerFxn1_C
= ((CT__ti_sysbios_hal_Hwi_Module__loggerFxn1)0)
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerFxn2 ti_sysbios_hal_Hwi_Module__loggerFxn2_C
= ((CT__ti_sysbios_hal_Hwi_Module__loggerFxn2)0)
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerFxn4 ti_sysbios_hal_Hwi_Module__loggerFxn4_C
= ((CT__ti_sysbios_hal_Hwi_Module__loggerFxn4)0)
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerFxn8 ti_sysbios_hal_Hwi_Module__loggerFxn8_C
= ((CT__ti_sysbios_hal_Hwi_Module__loggerFxn8)0)
• __FAR__ const CT__ti_sysbios_hal_Hwi_Module__startupDoneFxn ti_sysbios_hal_Hwi_Module__startupDoneFxn_C
= ((CT__ti_sysbios_hal_Hwi_Module__startupDoneFxn)0)
• __FAR__ const CT__ti_sysbios_hal_Hwi_Object__count ti_sysbios_hal_Hwi_Object__count_C = 0
• __FAR__ const CT__ti_sysbios_hal_Hwi_Object__heap ti_sysbios_hal_Hwi_Object__heap_C = 0
• __FAR__ const CT__ti_sysbios_hal_Hwi_Object__sizeof ti_sysbios_hal_Hwi_Object__sizeof_C =
sizeof(ti_sysbios_hal_Hwi_Object__)
• __FAR__ const CT__ti_sysbios_hal_Hwi_Object__table ti_sysbios_hal_Hwi_Object__table_C = 0
• __FAR__ const CT__ti_sysbios_hal_Hwi_dispatcherAutoNestingSupport ti_sysbios_hal_Hwi_dispatcherAutoNestingSupport_C
= 1
• __FAR__ const CT__ti_sysbios_hal_Hwi_dispatcherSwiSupport ti_sysbios_hal_Hwi_dispatcherSwiSupport_C
= 1

```



- `__FAR__ const CT__ti_sysbios_hal_Hwi_dispatcherTaskSupport ti_sysbios_hal_Hwi_dispatcherTaskSupport__C`  
= 1
- `__FAR__ const CT__ti_sysbios_hal_Hwi_dispatcherIrpTrackingSupport ti_sysbios_hal_Hwi_dispatcherIrpTrackingSupport__C`  
= 1
- `__FAR__ const CT__ti_sysbios_hal_Hwi_E_stackOverflow ti_sysbios_hal_Hwi_E_stackOverflow__C` =  
(((xdc\_runtime\_Error\_Id)3999) << 16 | 0)
- `__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_heaps_HeapMem_Object_DESC__C`
- `__FAR__ const ti_sysbios_heaps_HeapMem_Params ti_sysbios_heaps_HeapMem_Object_PARAMS__C`
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_diagsEnabled ti_sysbios_heaps_HeapMem_Module_diagsEnabled__C`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_diagsIncluded ti_sysbios_heaps_HeapMem_Module_diagsIncluded__C`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_diagsMask ti_sysbios_heaps_HeapMem_Module_diagsMask__C`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_Module\_diagsMask)0)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_gateObj ti_sysbios_heaps_HeapMem_Module_gateObj__C`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_Module\_gateObj)((void\*)(xdc\_runtime\_IGateProvider\_Handle)&ti\_sysbios\_gates\_GateProvider))
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_gatePrms ti_sysbios_heaps_HeapMem_Module_gatePrms__C`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_Module\_gatePrms)0)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_id ti_sysbios_heaps_HeapMem_Module_id__C`  
= (xdc\_Bits16)0x802c
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_loggerDefined ti_sysbios_heaps_HeapMem_Module_loggerDefined__C`  
= 0
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_loggerObj ti_sysbios_heaps_HeapMem_Module_loggerObj__C`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_Module\_loggerObj)0)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_loggerFxn0 ti_sysbios_heaps_HeapMem_Module_loggerFxn0__C`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_Module\_loggerFxn0)0)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_loggerFxn1 ti_sysbios_heaps_HeapMem_Module_loggerFxn1__C`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_Module\_loggerFxn1)0)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_loggerFxn2 ti_sysbios_heaps_HeapMem_Module_loggerFxn2__C`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_Module\_loggerFxn2)0)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_loggerFxn4 ti_sysbios_heaps_HeapMem_Module_loggerFxn4__C`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_Module\_loggerFxn4)0)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_loggerFxn8 ti_sysbios_heaps_HeapMem_Module_loggerFxn8__C`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_Module\_loggerFxn8)0)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module_startupDoneFxn ti_sysbios_heaps_HeapMem_Module_startupDoneFxn__C`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_Module\_startupDoneFxn)0)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Object_count ti_sysbios_heaps_HeapMem_Object_count__C`  
= 1
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Object_heap ti_sysbios_heaps_HeapMem_Object_heap__C`  
= 0
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Object_sizeof ti_sysbios_heaps_HeapMem_Object_sizeof__C`  
= sizeof(ti\_sysbios\_heaps\_HeapMem\_Object)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_Object_table ti_sysbios_heaps_HeapMem_Object_table__C`  
= ti\_sysbios\_heaps\_HeapMem\_Object\_table\_V
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_A_zeroBlock ti_sysbios_heaps_HeapMem_A_zeroBlock__C`  
= (((xdc\_runtime\_Assert\_Id)3291) << 16 | 16)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_A_heapSize ti_sysbios_heaps_HeapMem_A_heapSize__C`  
= (((xdc\_runtime\_Assert\_Id)3327) << 16 | 16)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_A_align ti_sysbios_heaps_HeapMem_A_align__C` =  
(((xdc\_runtime\_Assert\_Id)3372) << 16 | 16)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_E_memory ti_sysbios_heaps_HeapMem_E_memory__C`  
= (((xdc\_runtime\_Error\_Id)4745) << 16 | 0)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_A_invalidFree ti_sysbios_heaps_HeapMem_A_invalidFree__C`  
= (((xdc\_runtime\_Assert\_Id)3263) << 16 | 16)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_primaryHeapBaseAddr ti_sysbios_heaps_HeapMem_primaryHeapBaseAddr__C`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_primaryHeapBaseAddr)0)

- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_primaryHeapEndAddr ti_sysbios_heaps_HeapMem_primaryHeapEndAddr`  
= ((CT\_\_ti\_sysbios\_heaps\_HeapMem\_primaryHeapEndAddr)0)
- `__FAR__ const CT__ti_sysbios_heaps_HeapMem_reqAlign ti_sysbios_heaps_HeapMem_reqAlign__C` =  
(xdc\_SizeT)0x8
- `__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_knl_Clock_Object_DESC__C`
- `__FAR__ const ti_sysbios_knl_Clock_Params ti_sysbios_knl_Clock_Object_PARAMS__C`
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__diagsEnabled ti_sysbios_knl_Clock_Module__diagsEnabled__C`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__diagsIncluded ti_sysbios_knl_Clock_Module__diagsIncluded__C`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__diagsMask ti_sysbios_knl_Clock_Module__diagsMask__C`  
= ((CT\_\_ti\_sysbios\_knl\_Clock\_Module\_\_diagsMask)0)
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__gateObj ti_sysbios_knl_Clock_Module__gateObj__C` =  
((CT\_\_ti\_sysbios\_knl\_Clock\_Module\_\_gateObj)0)
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__gatePrms ti_sysbios_knl_Clock_Module__gatePrms__C`  
= ((CT\_\_ti\_sysbios\_knl\_Clock\_Module\_\_gatePrms)0)
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__id ti_sysbios_knl_Clock_Module__id__C` = (xdc\_↵  
Bits16)0x8018
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerDefined ti_sysbios_knl_Clock_Module__loggerDefined__C`  
= 0
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerObj ti_sysbios_knl_Clock_Module__loggerObj__C`  
= ((CT\_\_ti\_sysbios\_knl\_Clock\_Module\_\_loggerObj)0)
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerFxn0 ti_sysbios_knl_Clock_Module__loggerFxn0__C`  
= ((CT\_\_ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerFxn1 ti_sysbios_knl_Clock_Module__loggerFxn1__C`  
= ((CT\_\_ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerFxn2 ti_sysbios_knl_Clock_Module__loggerFxn2__C`  
= ((CT\_\_ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerFxn4 ti_sysbios_knl_Clock_Module__loggerFxn4__C`  
= ((CT\_\_ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerFxn8 ti_sysbios_knl_Clock_Module__loggerFxn8__C`  
= ((CT\_\_ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__ti_sysbios_knl_Clock_Module__startupDoneFxn ti_sysbios_knl_Clock_Module__startupDoneFxn__C`  
= ((CT\_\_ti\_sysbios\_knl\_Clock\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__ti_sysbios_knl_Clock_Object__count ti_sysbios_knl_Clock_Object__count__C` = 0
- `__FAR__ const CT__ti_sysbios_knl_Clock_Object__heap ti_sysbios_knl_Clock_Object__heap__C` = 0
- `__FAR__ const CT__ti_sysbios_knl_Clock_Object__sizeof ti_sysbios_knl_Clock_Object__sizeof__C` =  
sizeof(ti\_sysbios\_knl\_Clock\_Object\_\_)
- `__FAR__ const CT__ti_sysbios_knl_Clock_Object__table ti_sysbios_knl_Clock_Object__table__C` = 0
- `__FAR__ const CT__ti_sysbios_knl_Clock_LW_delayed ti_sysbios_knl_Clock_LW_delayed__C` = (((xdc\_↵  
runtime\_Log\_Event)4999) << 16 | 1024)
- `__FAR__ const CT__ti_sysbios_knl_Clock_LM_tick ti_sysbios_knl_Clock_LM_tick__C` = (((xdc\_runtime\_↵  
Log\_Event)5021) << 16 | 768)
- `__FAR__ const CT__ti_sysbios_knl_Clock_LM_begin ti_sysbios_knl_Clock_LM_begin__C` = (((xdc\_↵  
runtime\_Log\_Event)5039) << 16 | 768)
- `__FAR__ const CT__ti_sysbios_knl_Clock_A_clockDisabled ti_sysbios_knl_Clock_A_clockDisabled__C` =  
(((xdc\_runtime\_Assert\_Id)712) << 16 | 16)
- `__FAR__ const CT__ti_sysbios_knl_Clock_A_badThreadType ti_sysbios_knl_Clock_A_badThreadType__C`  
= (((xdc\_runtime\_Assert\_Id)793) << 16 | 16)
- `__FAR__ const CT__ti_sysbios_knl_Clock_serviceMargin ti_sysbios_knl_Clock_serviceMargin__C` = (xdc\_↵  
UInt32)0x0
- `__FAR__ const CT__ti_sysbios_knl_Clock_tickSource ti_sysbios_knl_Clock_tickSource__C` = ti\_sysbios\_↵  
knl\_Clock\_TickSource\_TIMER
- `__FAR__ const CT__ti_sysbios_knl_Clock_tickMode ti_sysbios_knl_Clock_tickMode__C` = ti\_sysbios\_knl\_↵  
Clock\_TickMode\_PERIODIC
- `__FAR__ const CT__ti_sysbios_knl_Clock_timerId ti_sysbios_knl_Clock_timerId__C` = (xdc\_UInt)(-0x0 - 1)

- `__FAR__ const CT_ti_sysbios_knl_Clock_tickPeriod ti_sysbios_knl_Clock_tickPeriod_C = (xdc_↵  
UInt32)0x3e8`
- `__FAR__ const CT_ti_sysbios_knl_Clock_doTickFunc ti_sysbios_knl_Clock_doTickFunc_C = ((CT_ti_↵  
sysbios_knl_Clock_doTickFunc)((xdc_Fxn)ti_sysbios_knl_Clock_doTick_I))`
- `__FAR__ const CT_ti_sysbios_knl_Clock_triggerClock ti_sysbios_knl_Clock_triggerClock_C = 0`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_diagsEnabled ti_sysbios_knl_Idle_Module_diagsEnabled_C  
= (xdc_Bits32)0x90`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_diagsIncluded ti_sysbios_knl_Idle_Module_diagsIncluded_C  
= (xdc_Bits32)0x90`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_diagsMask ti_sysbios_knl_Idle_Module_diagsMask_C  
= ((CT_ti_sysbios_knl_Idle_Module_diagsMask)0)`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_gateObj ti_sysbios_knl_Idle_Module_gateObj_C =  
((CT_ti_sysbios_knl_Idle_Module_gateObj)0)`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_gatePrms ti_sysbios_knl_Idle_Module_gatePrms_C =  
((CT_ti_sysbios_knl_Idle_Module_gatePrms)0)`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_id ti_sysbios_knl_Idle_Module_id_C = (xdc_↵  
Bits16)0x8019`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_loggerDefined ti_sysbios_knl_Idle_Module_loggerDefined_C  
= 0`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_loggerObj ti_sysbios_knl_Idle_Module_loggerObj_C =  
((CT_ti_sysbios_knl_Idle_Module_loggerObj)0)`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_loggerFxn0 ti_sysbios_knl_Idle_Module_loggerFxn0_C  
= ((CT_ti_sysbios_knl_Idle_Module_loggerFxn0)0)`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_loggerFxn1 ti_sysbios_knl_Idle_Module_loggerFxn1_C  
= ((CT_ti_sysbios_knl_Idle_Module_loggerFxn1)0)`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_loggerFxn2 ti_sysbios_knl_Idle_Module_loggerFxn2_C  
= ((CT_ti_sysbios_knl_Idle_Module_loggerFxn2)0)`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_loggerFxn4 ti_sysbios_knl_Idle_Module_loggerFxn4_C  
= ((CT_ti_sysbios_knl_Idle_Module_loggerFxn4)0)`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_loggerFxn8 ti_sysbios_knl_Idle_Module_loggerFxn8_C  
= ((CT_ti_sysbios_knl_Idle_Module_loggerFxn8)0)`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Module_startupDoneFxn ti_sysbios_knl_Idle_Module_startupDoneFxn_C  
= ((CT_ti_sysbios_knl_Idle_Module_startupDoneFxn)0)`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Object_count ti_sysbios_knl_Idle_Object_count_C = 0`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Object_heap ti_sysbios_knl_Idle_Object_heap_C = 0`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Object_sizeof ti_sysbios_knl_Idle_Object_sizeof_C = 0`
- `__FAR__ const CT_ti_sysbios_knl_Idle_Object_table ti_sysbios_knl_Idle_Object_table_C = 0`
- `__FAR__ const CT_ti_sysbios_knl_Idle_funcList ti_sysbios_knl_Idle_funcList_C = {1, ((__T1_ti_sysbios_↵  
knl_Idle_funcList*)ti_sysbios_knl_Idle_funcList_A)}`
- `__FAR__ const CT_ti_sysbios_knl_Idle_coreList ti_sysbios_knl_Idle_coreList_C = {1, ((__T1_ti_sysbios_↵  
knl_Idle_coreList*)ti_sysbios_knl_Idle_coreList_A)}`
- `__FAR__ const CT_ti_sysbios_knl_Intrinsics_Module_diagsEnabled ti_sysbios_knl_Intrinsics_Module_diagsEnabled_C  
= (xdc_Bits32)0x90`
- `__FAR__ const CT_ti_sysbios_knl_Intrinsics_Module_diagsIncluded ti_sysbios_knl_Intrinsics_Module_diagsIncluded_C  
= (xdc_Bits32)0x90`
- `__FAR__ const CT_ti_sysbios_knl_Intrinsics_Module_diagsMask ti_sysbios_knl_Intrinsics_Module_diagsMask_C  
= ((CT_ti_sysbios_knl_Intrinsics_Module_diagsMask)0)`
- `__FAR__ const CT_ti_sysbios_knl_Intrinsics_Module_gateObj ti_sysbios_knl_Intrinsics_Module_gateObj_C  
= ((CT_ti_sysbios_knl_Intrinsics_Module_gateObj)0)`
- `__FAR__ const CT_ti_sysbios_knl_Intrinsics_Module_gatePrms ti_sysbios_knl_Intrinsics_Module_gatePrms_C  
= ((CT_ti_sysbios_knl_Intrinsics_Module_gatePrms)0)`
- `__FAR__ const CT_ti_sysbios_knl_Intrinsics_Module_id ti_sysbios_knl_Intrinsics_Module_id_C =  
(xdc_Bits16)0x801a`
- `__FAR__ const CT_ti_sysbios_knl_Intrinsics_Module_loggerDefined ti_sysbios_knl_Intrinsics_Module_loggerDefined_C  
= 0`

- `__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerObj ti_sysbios_knl_Intrinsics_Module__loggerObj__C`  
`= ((CT__ti_sysbios_knl_Intrinsics_Module__loggerObj)0)`
- `__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn0 ti_sysbios_knl_Intrinsics_Module__loggerFxn0__C`  
`= ((CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn0)0)`
- `__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn1 ti_sysbios_knl_Intrinsics_Module__loggerFxn1__C`  
`= ((CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn1)0)`
- `__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn2 ti_sysbios_knl_Intrinsics_Module__loggerFxn2__C`  
`= ((CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn2)0)`
- `__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn4 ti_sysbios_knl_Intrinsics_Module__loggerFxn4__C`  
`= ((CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn4)0)`
- `__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn8 ti_sysbios_knl_Intrinsics_Module__loggerFxn8__C`  
`= ((CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn8)0)`
- `__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__startupDoneFxn ti_sysbios_knl_Intrinsics_Module__startupDoneFxn__C`  
`= ((CT__ti_sysbios_knl_Intrinsics_Module__startupDoneFxn)0)`
- `__FAR__ const CT__ti_sysbios_knl_Intrinsics_Object__count ti_sysbios_knl_Intrinsics_Object__count__C =`  
`0`
- `__FAR__ const CT__ti_sysbios_knl_Intrinsics_Object__heap ti_sysbios_knl_Intrinsics_Object__heap__C =`  
`0`
- `__FAR__ const CT__ti_sysbios_knl_Intrinsics_Object__sizeof ti_sysbios_knl_Intrinsics_Object__sizeof__C`  
`= 0`
- `__FAR__ const CT__ti_sysbios_knl_Intrinsics_Object__table ti_sysbios_knl_Intrinsics_Object__table__C =`  
`0`
- `__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_knl_Queue_Object__DESC__C`
- `__FAR__ const ti_sysbios_knl_Queue_Params ti_sysbios_knl_Queue_Object__PARAMS__C`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__diagsEnabled ti_sysbios_knl_Queue_Module__diagsEnabled__C`  
`= (xdc_Bits32)0x90`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__diagsIncluded ti_sysbios_knl_Queue_Module__diagsIncluded__C`  
`= (xdc_Bits32)0x90`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__diagsMask ti_sysbios_knl_Queue_Module__diagsMask__C`  
`= ((CT__ti_sysbios_knl_Queue_Module__diagsMask)0)`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__gateObj ti_sysbios_knl_Queue_Module__gateObj__C`  
`= ((CT__ti_sysbios_knl_Queue_Module__gateObj)0)`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__gatePrms ti_sysbios_knl_Queue_Module__gatePrms__C`  
`= ((CT__ti_sysbios_knl_Queue_Module__gatePrms)0)`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__id ti_sysbios_knl_Queue_Module__id__C = (xdc_↵`  
`Bits16)0x801b`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerDefined ti_sysbios_knl_Queue_Module__loggerDefined__C`  
`= 0`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerObj ti_sysbios_knl_Queue_Module__loggerObj__C`  
`= ((CT__ti_sysbios_knl_Queue_Module__loggerObj)0)`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerFxn0 ti_sysbios_knl_Queue_Module__loggerFxn0__C`  
`= ((CT__ti_sysbios_knl_Queue_Module__loggerFxn0)0)`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerFxn1 ti_sysbios_knl_Queue_Module__loggerFxn1__C`  
`= ((CT__ti_sysbios_knl_Queue_Module__loggerFxn1)0)`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerFxn2 ti_sysbios_knl_Queue_Module__loggerFxn2__C`  
`= ((CT__ti_sysbios_knl_Queue_Module__loggerFxn2)0)`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerFxn4 ti_sysbios_knl_Queue_Module__loggerFxn4__C`  
`= ((CT__ti_sysbios_knl_Queue_Module__loggerFxn4)0)`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerFxn8 ti_sysbios_knl_Queue_Module__loggerFxn8__C`  
`= ((CT__ti_sysbios_knl_Queue_Module__loggerFxn8)0)`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Module__startupDoneFxn ti_sysbios_knl_Queue_Module__startupDoneFxn__C`  
`= ((CT__ti_sysbios_knl_Queue_Module__startupDoneFxn)0)`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Object__count ti_sysbios_knl_Queue_Object__count__C = 0`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Object__heap ti_sysbios_knl_Queue_Object__heap__C = 0`
- `__FAR__ const CT__ti_sysbios_knl_Queue_Object__sizeof ti_sysbios_knl_Queue_Object__sizeof__C =`  
`sizeof(ti_sysbios_knl_Queue_Object__)`

- `__FAR__ const CT__ti_sysbios_knl_Queue_Object__table ti_sysbios_knl_Queue_Object__table__C = 0`
- `__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_knl_Semaphore_Object__DESC__C`
- `__FAR__ const ti_sysbios_knl_Semaphore_Params ti_sysbios_knl_Semaphore_Object__PARAMS__C`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__diagsEnabled ti_sysbios_knl_Semaphore_Module__diagsEnabled__C = (xdc_Bits32)0x90`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__diagsIncluded ti_sysbios_knl_Semaphore_Module__diagsIncluded__C = (xdc_Bits32)0x90`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__diagsMask ti_sysbios_knl_Semaphore_Module__diagsMask__C = ((CT__ti_sysbios_knl_Semaphore_Module__diagsMask)0)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__gateObj ti_sysbios_knl_Semaphore_Module__gateObj__C = ((CT__ti_sysbios_knl_Semaphore_Module__gateObj)0)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__gatePrms ti_sysbios_knl_Semaphore_Module__gatePrms__C = ((CT__ti_sysbios_knl_Semaphore_Module__gatePrms)0)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__id ti_sysbios_knl_Semaphore_Module__id__C = (xdc_Bits16)0x801c`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerDefined ti_sysbios_knl_Semaphore_Module__loggerDefined__C = 0`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerObj ti_sysbios_knl_Semaphore_Module__loggerObj__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerObj)0)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerFxn0 ti_sysbios_knl_Semaphore_Module__loggerFxn0__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerFxn0)0)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerFxn1 ti_sysbios_knl_Semaphore_Module__loggerFxn1__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerFxn1)0)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerFxn2 ti_sysbios_knl_Semaphore_Module__loggerFxn2__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerFxn2)0)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerFxn4 ti_sysbios_knl_Semaphore_Module__loggerFxn4__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerFxn4)0)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerFxn8 ti_sysbios_knl_Semaphore_Module__loggerFxn8__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerFxn8)0)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__startupDoneFxn ti_sysbios_knl_Semaphore_Module__startupDoneFxn__C = ((CT__ti_sysbios_knl_Semaphore_Module__startupDoneFxn)0)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Object__count ti_sysbios_knl_Semaphore_Object__count__C = 0`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Object__heap ti_sysbios_knl_Semaphore_Object__heap__C = 0`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Object__sizeof ti_sysbios_knl_Semaphore_Object__sizeof__C = sizeof(ti_sysbios_knl_Semaphore_Object__)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_Object__table ti_sysbios_knl_Semaphore_Object__table__C = 0`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_LM_post ti_sysbios_knl_Semaphore_LM_post__C = (((xdc_runtime_Log_Event)5071) << 16 | 768)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_LM_pend ti_sysbios_knl_Semaphore_LM_pend__C = (((xdc_runtime_Log_Event)5101) << 16 | 768)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_A_noEvents ti_sysbios_knl_Semaphore_A_noEvents__C = (((xdc_runtime_Assert_Id)1203) << 16 | 16)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_A_invTimeout ti_sysbios_knl_Semaphore_A_invTimeout__C = (((xdc_runtime_Assert_Id)1258) << 16 | 16)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_A_badContext ti_sysbios_knl_Semaphore_A_badContext__C = (((xdc_runtime_Assert_Id)992) << 16 | 16)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_A_overflow ti_sysbios_knl_Semaphore_A_overflow__C = (((xdc_runtime_Assert_Id)1323) << 16 | 16)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_A_pendTaskDisabled ti_sysbios_knl_Semaphore_A_pendTaskDisabled__C = (((xdc_runtime_Assert_Id)1377) << 16 | 16)`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_supportsEvents ti_sysbios_knl_Semaphore_supportsEvents__C = 0`
- `__FAR__ const CT__ti_sysbios_knl_Semaphore_supportsPriority ti_sysbios_knl_Semaphore_supportsPriority__C = 0`



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• __FAR__ const CT__ti_sysbios_knl_Semaphore_eventPost ti_sysbios_knl_Semaphore_eventPost_C =
  ((CT__ti_sysbios_knl_Semaphore_eventPost)0)
• __FAR__ const CT__ti_sysbios_knl_Semaphore_eventSync ti_sysbios_knl_Semaphore_eventSync_C =
  ((CT__ti_sysbios_knl_Semaphore_eventSync)0)
• __FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_knl_Swi_Object_DESC_C
• __FAR__ const ti_sysbios_knl_Swi_Params ti_sysbios_knl_Swi_Object_PARAMS_C
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__diagsEnabled ti_sysbios_knl_Swi_Module__diagsEnabled_C
  = (xdc_Bits32)0x90
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__diagsIncluded ti_sysbios_knl_Swi_Module__diagsIncluded_C
  = (xdc_Bits32)0x90
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__diagsMask ti_sysbios_knl_Swi_Module__diagsMask_C
  = ((CT__ti_sysbios_knl_Swi_Module__diagsMask)0)
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__gateObj ti_sysbios_knl_Swi_Module__gateObj_C =
  ((CT__ti_sysbios_knl_Swi_Module__gateObj)0)
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__gatePrms ti_sysbios_knl_Swi_Module__gatePrms_C =
  ((CT__ti_sysbios_knl_Swi_Module__gatePrms)0)
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__id ti_sysbios_knl_Swi_Module__id_C = (xdc_↵
  Bits16)0x801d
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerDefined ti_sysbios_knl_Swi_Module__loggerDefined_C
  = 0
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerObj ti_sysbios_knl_Swi_Module__loggerObj_C =
  ((CT__ti_sysbios_knl_Swi_Module__loggerObj)0)
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerFxn0 ti_sysbios_knl_Swi_Module__loggerFxn0_C
  = ((CT__ti_sysbios_knl_Swi_Module__loggerFxn0)0)
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerFxn1 ti_sysbios_knl_Swi_Module__loggerFxn1_C
  = ((CT__ti_sysbios_knl_Swi_Module__loggerFxn1)0)
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerFxn2 ti_sysbios_knl_Swi_Module__loggerFxn2_C
  = ((CT__ti_sysbios_knl_Swi_Module__loggerFxn2)0)
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerFxn4 ti_sysbios_knl_Swi_Module__loggerFxn4_C
  = ((CT__ti_sysbios_knl_Swi_Module__loggerFxn4)0)
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerFxn8 ti_sysbios_knl_Swi_Module__loggerFxn8_C
  = ((CT__ti_sysbios_knl_Swi_Module__loggerFxn8)0)
• __FAR__ const CT__ti_sysbios_knl_Swi_Module__startupDoneFxn ti_sysbios_knl_Swi_Module__startupDoneFxn_C
  = ((CT__ti_sysbios_knl_Swi_Module__startupDoneFxn)0)
• __FAR__ const CT__ti_sysbios_knl_Swi_Object__count ti_sysbios_knl_Swi_Object__count_C = 1
• __FAR__ const CT__ti_sysbios_knl_Swi_Object__heap ti_sysbios_knl_Swi_Object__heap_C = 0
• __FAR__ const CT__ti_sysbios_knl_Swi_Object__sizeof ti_sysbios_knl_Swi_Object__sizeof_C =
  sizeof(ti_sysbios_knl_Swi_Object_)
• __FAR__ const CT__ti_sysbios_knl_Swi_Object__table ti_sysbios_knl_Swi_Object__table_C = ti_sysbios_knl_Swi_Object__t
• __FAR__ const CT__ti_sysbios_knl_Swi_LM_begin ti_sysbios_knl_Swi_LM_begin_C = (((xdc_runtime_↵
  Log_Event)5144) << 16 | 768)
• __FAR__ const CT__ti_sysbios_knl_Swi_LD_end ti_sysbios_knl_Swi_LD_end_C = (((xdc_runtime_Log_↵
  Event)5191) << 16 | 512)
• __FAR__ const CT__ti_sysbios_knl_Swi_LM_post ti_sysbios_knl_Swi_LM_post_C = (((xdc_runtime_Log_↵
  _Event)5209) << 16 | 768)
• __FAR__ const CT__ti_sysbios_knl_Swi_A_swiDisabled ti_sysbios_knl_Swi_A_swiDisabled_C = (((xdc_↵
  runtime_Assert_Id)1471) << 16 | 16)
• __FAR__ const CT__ti_sysbios_knl_Swi_A_badPriority ti_sysbios_knl_Swi_A_badPriority_C = (((xdc_↵
  runtime_Assert_Id)1528) << 16 | 16)
• __FAR__ const CT__ti_sysbios_knl_Swi_numPriorities ti_sysbios_knl_Swi_numPriorities_C = (xdc_↵
  UInt)0x10
• __FAR__ const CT__ti_sysbios_knl_Swi_hooks ti_sysbios_knl_Swi_hooks_C = {0, 0}
• __FAR__ const CT__ti_sysbios_knl_Swi_taskDisable ti_sysbios_knl_Swi_taskDisable_C = ((CT__ti_↵
  sysbios_knl_Swi_taskDisable)((xdc_Fxn)ti_sysbios_knl_Task_disable_E))
• __FAR__ const CT__ti_sysbios_knl_Swi_taskRestore ti_sysbios_knl_Swi_taskRestore_C = ((CT__ti_↵
  sysbios_knl_Swi_taskRestore)((xdc_Fxn)ti_sysbios_knl_Task_restore_E))

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- `__FAR__ const CT__ti_sysbios_knl_Swi_numConstructedSwis ti_sysbios_knl_Swi_numConstructedSwis__C`  
= (xdc\_UInt)0x0
- `__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_knl_Task_Object_DESC__C`
- `__FAR__ const ti_sysbios_knl_Task_Params ti_sysbios_knl_Task_Object_PARAMS__C`
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_diagsEnabled ti_sysbios_knl_Task_Module_diagsEnabled__C`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_diagsIncluded ti_sysbios_knl_Task_Module_diagsIncluded__C`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_diagsMask ti_sysbios_knl_Task_Module_diagsMask__C`  
= ((CT\_\_ti\_sysbios\_knl\_Task\_Module\_diagsMask)0)
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_gateObj ti_sysbios_knl_Task_Module_gateObj__C` =  
((CT\_\_ti\_sysbios\_knl\_Task\_Module\_gateObj)0)
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_gatePrms ti_sysbios_knl_Task_Module_gatePrms__C`  
= ((CT\_\_ti\_sysbios\_knl\_Task\_Module\_gatePrms)0)
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_id ti_sysbios_knl_Task_Module_id__C` = (xdc\_↵  
Bits16)0x801e
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_loggerDefined ti_sysbios_knl_Task_Module_loggerDefined__C`  
= 0
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_loggerObj ti_sysbios_knl_Task_Module_loggerObj__C`  
= ((CT\_\_ti\_sysbios\_knl\_Task\_Module\_loggerObj)0)
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_loggerFxn0 ti_sysbios_knl_Task_Module_loggerFxn0__C`  
= ((CT\_\_ti\_sysbios\_knl\_Task\_Module\_loggerFxn0)0)
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_loggerFxn1 ti_sysbios_knl_Task_Module_loggerFxn1__C`  
= ((CT\_\_ti\_sysbios\_knl\_Task\_Module\_loggerFxn1)0)
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_loggerFxn2 ti_sysbios_knl_Task_Module_loggerFxn2__C`  
= ((CT\_\_ti\_sysbios\_knl\_Task\_Module\_loggerFxn2)0)
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_loggerFxn4 ti_sysbios_knl_Task_Module_loggerFxn4__C`  
= ((CT\_\_ti\_sysbios\_knl\_Task\_Module\_loggerFxn4)0)
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_loggerFxn8 ti_sysbios_knl_Task_Module_loggerFxn8__C`  
= ((CT\_\_ti\_sysbios\_knl\_Task\_Module\_loggerFxn8)0)
- `__FAR__ const CT__ti_sysbios_knl_Task_Module_startupDoneFxn ti_sysbios_knl_Task_Module_startupDoneFxn__C`  
= ((CT\_\_ti\_sysbios\_knl\_Task\_Module\_startupDoneFxn)0)
- `__FAR__ const CT__ti_sysbios_knl_Task_Object_count ti_sysbios_knl_Task_Object_count__C` = 1
- `__FAR__ const CT__ti_sysbios_knl_Task_Object_heap ti_sysbios_knl_Task_Object_heap__C` = 0
- `__FAR__ const CT__ti_sysbios_knl_Task_Object_sizeof ti_sysbios_knl_Task_Object_sizeof__C` =  
sizeof(ti\_sysbios\_knl\_Task\_Object\_\_)
- `__FAR__ const CT__ti_sysbios_knl_Task_Object_table ti_sysbios_knl_Task_Object_table__C` =  
ti\_sysbios\_knl\_Task\_Object\_table\_\_V
- `__FAR__ const CT__ti_sysbios_knl_Task_LM_switch ti_sysbios_knl_Task_LM_switch__C` = (((xdc\_↵  
runtime\_Log\_Event)5249) << 16 | 768)
- `__FAR__ const CT__ti_sysbios_knl_Task_LM_sleep ti_sysbios_knl_Task_LM_sleep__C` = (((xdc\_runtime\_↵  
\_Log\_Event)5317) << 16 | 768)
- `__FAR__ const CT__ti_sysbios_knl_Task_LD_ready ti_sysbios_knl_Task_LD_ready__C` = (((xdc\_runtime\_↵  
\_Log\_Event)5362) << 16 | 512)
- `__FAR__ const CT__ti_sysbios_knl_Task_LD_block ti_sysbios_knl_Task_LD_block__C` = (((xdc\_runtime\_↵  
\_Log\_Event)5403) << 16 | 512)
- `__FAR__ const CT__ti_sysbios_knl_Task_LM_yield ti_sysbios_knl_Task_LM_yield__C` = (((xdc\_runtime\_↵  
\_Log\_Event)5435) << 16 | 768)
- `__FAR__ const CT__ti_sysbios_knl_Task_LM_setPri ti_sysbios_knl_Task_LM_setPri__C` = (((xdc\_runtime\_↵  
\_Log\_Event)5483) << 16 | 768)
- `__FAR__ const CT__ti_sysbios_knl_Task_LD_exit ti_sysbios_knl_Task_LD_exit__C` = (((xdc\_runtime\_Log\_↵  
\_Event)5539) << 16 | 512)
- `__FAR__ const CT__ti_sysbios_knl_Task_LM_setAffinity ti_sysbios_knl_Task_LM_setAffinity__C` = (((xdc\_↵  
\_runtime\_Log\_Event)5570) << 16 | 768)
- `__FAR__ const CT__ti_sysbios_knl_Task_LM_schedule ti_sysbios_knl_Task_LM_schedule__C` = (((xdc\_↵  
runtime\_Log\_Event)5653) << 16 | 1024)

- `__FAR__ const CT_ti_sysbios_knl_Task_LM_noWork ti_sysbios_knl_Task_LM_noWork__C = (((xdc_runtime_Log_Event)5739) << 16 | 1024)`
- `__FAR__ const CT_ti_sysbios_knl_Task_E_stackOverflow ti_sysbios_knl_Task_E_stackOverflow__C = (((xdc_runtime_Error_Id)3874) << 16 | 0)`
- `__FAR__ const CT_ti_sysbios_knl_Task_E_spOutOfBounds ti_sysbios_knl_Task_E_spOutOfBounds__C = (((xdc_runtime_Error_Id)3917) << 16 | 0)`
- `__FAR__ const CT_ti_sysbios_knl_Task_E_deleteNotAllowed ti_sysbios_knl_Task_E_deleteNotAllowed__C = (((xdc_runtime_Error_Id)3968) << 16 | 0)`
- `__FAR__ const CT_ti_sysbios_knl_Task_A_badThreadType ti_sysbios_knl_Task_A_badThreadType__C = (((xdc_runtime_Assert_Id)1577) << 16 | 16)`
- `__FAR__ const CT_ti_sysbios_knl_Task_A_badTaskState ti_sysbios_knl_Task_A_badTaskState__C = (((xdc_runtime_Assert_Id)1646) << 16 | 16)`
- `__FAR__ const CT_ti_sysbios_knl_Task_A_noPendElem ti_sysbios_knl_Task_A_noPendElem__C = (((xdc_runtime_Assert_Id)1700) << 16 | 16)`
- `__FAR__ const CT_ti_sysbios_knl_Task_A_taskDisabled ti_sysbios_knl_Task_A_taskDisabled__C = (((xdc_runtime_Assert_Id)1754) << 16 | 16)`
- `__FAR__ const CT_ti_sysbios_knl_Task_A_badPriority ti_sysbios_knl_Task_A_badPriority__C = (((xdc_runtime_Assert_Id)1817) << 16 | 16)`
- `__FAR__ const CT_ti_sysbios_knl_Task_A_badTimeout ti_sysbios_knl_Task_A_badTimeout__C = (((xdc_runtime_Assert_Id)1867) << 16 | 16)`
- `__FAR__ const CT_ti_sysbios_knl_Task_A_badAffinity ti_sysbios_knl_Task_A_badAffinity__C = (((xdc_runtime_Assert_Id)1902) << 16 | 16)`
- `__FAR__ const CT_ti_sysbios_knl_Task_A_sleepTaskDisabled ti_sysbios_knl_Task_A_sleepTaskDisabled__C = (((xdc_runtime_Assert_Id)1935) << 16 | 16)`
- `__FAR__ const CT_ti_sysbios_knl_Task_A_invalidCoreId ti_sysbios_knl_Task_A_invalidCoreId__C = (((xdc_runtime_Assert_Id)2019) << 16 | 16)`
- `__FAR__ const CT_ti_sysbios_knl_Task_numPriorities ti_sysbios_knl_Task_numPriorities__C = (xdc_UInt)0x10`
- `__FAR__ const CT_ti_sysbios_knl_Task_defaultStackSize ti_sysbios_knl_Task_defaultStackSize__C = (xdc_SizeT)0x200`
- `__FAR__ const CT_ti_sysbios_knl_Task_defaultStackHeap ti_sysbios_knl_Task_defaultStackHeap__C = 0`
- `__FAR__ const CT_ti_sysbios_knl_Task_allBlockedFunc ti_sysbios_knl_Task_allBlockedFunc__C = ((CT_ti_sysbios_knl_Task_allBlockedFunc)0)`
- `__FAR__ const CT_ti_sysbios_knl_Task_initStackFlag ti_sysbios_knl_Task_initStackFlag__C = 1`
- `__FAR__ const CT_ti_sysbios_knl_Task_checkStackFlag ti_sysbios_knl_Task_checkStackFlag__C = 1`
- `__FAR__ const CT_ti_sysbios_knl_Task_deleteTerminatedTasks ti_sysbios_knl_Task_deleteTerminatedTasks__C = 0`
- `__FAR__ const CT_ti_sysbios_knl_Task_hooks ti_sysbios_knl_Task_hooks__C = {0, 0}`
- `__FAR__ const CT_ti_sysbios_knl_Task_numConstructedTasks ti_sysbios_knl_Task_numConstructedTasks__C = (xdc_UInt)0x0`
- `__FAR__ const CT_ti_sysbios_knl_Task_startupHookFunc ti_sysbios_knl_Task_startupHookFunc__C = ((CT_ti_sysbios_knl_Task_startupHookFunc)0)`
- `__FAR__ const CT_xdc_runtime_Assert_Module__diagsEnabled xdc_runtime_Assert_Module__diagsEnabled__C = (xdc_Bits32)0x10`
- `__FAR__ const CT_xdc_runtime_Assert_Module__diagsIncluded xdc_runtime_Assert_Module__diagsIncluded__C = (xdc_Bits32)0x10`
- `__FAR__ const CT_xdc_runtime_Assert_Module__diagsMask xdc_runtime_Assert_Module__diagsMask__C = ((CT_xdc_runtime_Assert_Module__diagsMask)0)`
- `__FAR__ const CT_xdc_runtime_Assert_Module__gateObj xdc_runtime_Assert_Module__gateObj__C = ((CT_xdc_runtime_Assert_Module__gateObj)0)`
- `__FAR__ const CT_xdc_runtime_Assert_Module__gatePrms xdc_runtime_Assert_Module__gatePrms__C = ((CT_xdc_runtime_Assert_Module__gatePrms)0)`
- `__FAR__ const CT_xdc_runtime_Assert_Module__id xdc_runtime_Assert_Module__id__C = (xdc_Bits16)0x8002`
- `__FAR__ const CT_xdc_runtime_Assert_Module__loggerDefined xdc_runtime_Assert_Module__loggerDefined__C = 0`



- `__FAR__ const CT__xdc_runtime_Assert_Module__loggerObj xdc_runtime_Assert_Module__loggerObj_C`  
= ((CT\_\_xdc\_runtime\_Assert\_Module\_\_loggerObj)0)
- `__FAR__ const CT__xdc_runtime_Assert_Module__loggerFxn0 xdc_runtime_Assert_Module__loggerFxn0_C`  
= ((CT\_\_xdc\_runtime\_Assert\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__xdc_runtime_Assert_Module__loggerFxn1 xdc_runtime_Assert_Module__loggerFxn1_C`  
= ((CT\_\_xdc\_runtime\_Assert\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__xdc_runtime_Assert_Module__loggerFxn2 xdc_runtime_Assert_Module__loggerFxn2_C`  
= ((CT\_\_xdc\_runtime\_Assert\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__xdc_runtime_Assert_Module__loggerFxn4 xdc_runtime_Assert_Module__loggerFxn4_C`  
= ((CT\_\_xdc\_runtime\_Assert\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__xdc_runtime_Assert_Module__loggerFxn8 xdc_runtime_Assert_Module__loggerFxn8_C`  
= ((CT\_\_xdc\_runtime\_Assert\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__xdc_runtime_Assert_Module__startupDoneFxn xdc_runtime_Assert_Module__startupDoneFxn_C`  
= ((CT\_\_xdc\_runtime\_Assert\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__xdc_runtime_Assert_Object__count xdc_runtime_Assert_Object__count_C` = 0
- `__FAR__ const CT__xdc_runtime_Assert_Object__heap xdc_runtime_Assert_Object__heap_C` = 0
- `__FAR__ const CT__xdc_runtime_Assert_Object__sizeof xdc_runtime_Assert_Object__sizeof_C` = 0
- `__FAR__ const CT__xdc_runtime_Assert_Object__table xdc_runtime_Assert_Object__table_C` = 0
- `__FAR__ const CT__xdc_runtime_Assert_E_assertFailed xdc_runtime_Assert_E_assertFailed_C` =  
(((xdc\_runtime\_Error\_Id)3634) << 16 | 0)
- `__FAR__ const CT__xdc_runtime_Core_Module__diagsEnabled xdc_runtime_Core_Module__diagsEnabled_C`  
= (xdc\_Bits32)0x10
- `__FAR__ const CT__xdc_runtime_Core_Module__diagsIncluded xdc_runtime_Core_Module__diagsIncluded_C`  
= (xdc\_Bits32)0x10
- `__FAR__ const CT__xdc_runtime_Core_Module__diagsMask xdc_runtime_Core_Module__diagsMask_C`  
= ((CT\_\_xdc\_runtime\_Core\_Module\_\_diagsMask)0)
- `__FAR__ const CT__xdc_runtime_Core_Module__gateObj xdc_runtime_Core_Module__gateObj_C` =  
((CT\_\_xdc\_runtime\_Core\_Module\_\_gateObj)0)
- `__FAR__ const CT__xdc_runtime_Core_Module__gatePrms xdc_runtime_Core_Module__gatePrms_C` =  
((CT\_\_xdc\_runtime\_Core\_Module\_\_gatePrms)0)
- `__FAR__ const CT__xdc_runtime_Core_Module__id xdc_runtime_Core_Module__id_C` = (xdc\_↵  
Bits16)0x8003
- `__FAR__ const CT__xdc_runtime_Core_Module__loggerDefined xdc_runtime_Core_Module__loggerDefined_C`  
= 0
- `__FAR__ const CT__xdc_runtime_Core_Module__loggerObj xdc_runtime_Core_Module__loggerObj_C` =  
((CT\_\_xdc\_runtime\_Core\_Module\_\_loggerObj)0)
- `__FAR__ const CT__xdc_runtime_Core_Module__loggerFxn0 xdc_runtime_Core_Module__loggerFxn0_C`  
= ((CT\_\_xdc\_runtime\_Core\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__xdc_runtime_Core_Module__loggerFxn1 xdc_runtime_Core_Module__loggerFxn1_C`  
= ((CT\_\_xdc\_runtime\_Core\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__xdc_runtime_Core_Module__loggerFxn2 xdc_runtime_Core_Module__loggerFxn2_C`  
= ((CT\_\_xdc\_runtime\_Core\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__xdc_runtime_Core_Module__loggerFxn4 xdc_runtime_Core_Module__loggerFxn4_C`  
= ((CT\_\_xdc\_runtime\_Core\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__xdc_runtime_Core_Module__loggerFxn8 xdc_runtime_Core_Module__loggerFxn8_C`  
= ((CT\_\_xdc\_runtime\_Core\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__xdc_runtime_Core_Module__startupDoneFxn xdc_runtime_Core_Module__startupDoneFxn_C`  
= ((CT\_\_xdc\_runtime\_Core\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__xdc_runtime_Core_Object__count xdc_runtime_Core_Object__count_C` = 0
- `__FAR__ const CT__xdc_runtime_Core_Object__heap xdc_runtime_Core_Object__heap_C` = 0
- `__FAR__ const CT__xdc_runtime_Core_Object__sizeof xdc_runtime_Core_Object__sizeof_C` = 0
- `__FAR__ const CT__xdc_runtime_Core_Object__table xdc_runtime_Core_Object__table_C` = 0
- `__FAR__ const CT__xdc_runtime_Core_A_initializedParams xdc_runtime_Core_A_initializedParams_C` =  
(((xdc\_runtime\_Assert\_Id)1) << 16 | 16)
- `__FAR__ const CT__xdc_runtime_Defaults_Module__diagsEnabled xdc_runtime_Defaults_Module__diagsEnabled_C`  
= (xdc\_Bits32)0x90

- `__FAR__ const CT__xdc_runtime_Defaults_Module__diagsIncluded xdc_runtime_Defaults_Module__diagsIncluded__C`  
= (xdc\_Bits32)0x90
- `__FAR__ const CT__xdc_runtime_Defaults_Module__diagsMask xdc_runtime_Defaults_Module__diagsMask__C`  
= ((CT\_\_xdc\_runtime\_Defaults\_Module\_\_diagsMask)0)
- `__FAR__ const CT__xdc_runtime_Defaults_Module__gateObj xdc_runtime_Defaults_Module__gateObj__C`  
= ((CT\_\_xdc\_runtime\_Defaults\_Module\_\_gateObj)0)
- `__FAR__ const CT__xdc_runtime_Defaults_Module__gatePrms xdc_runtime_Defaults_Module__gatePrms__C`  
= ((CT\_\_xdc\_runtime\_Defaults\_Module\_\_gatePrms)0)
- `__FAR__ const CT__xdc_runtime_Defaults_Module__id xdc_runtime_Defaults_Module__id__C` = (xdc\_↵  
Bits16)0x8004
- `__FAR__ const CT__xdc_runtime_Defaults_Module__loggerDefined xdc_runtime_Defaults_Module__loggerDefined__C`  
= 0
- `__FAR__ const CT__xdc_runtime_Defaults_Module__loggerObj xdc_runtime_Defaults_Module__loggerObj__C`  
= ((CT\_\_xdc\_runtime\_Defaults\_Module\_\_loggerObj)0)
- `__FAR__ const CT__xdc_runtime_Defaults_Module__loggerFxn0 xdc_runtime_Defaults_Module__loggerFxn0__C`  
= ((CT\_\_xdc\_runtime\_Defaults\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__xdc_runtime_Defaults_Module__loggerFxn1 xdc_runtime_Defaults_Module__loggerFxn1__C`  
= ((CT\_\_xdc\_runtime\_Defaults\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__xdc_runtime_Defaults_Module__loggerFxn2 xdc_runtime_Defaults_Module__loggerFxn2__C`  
= ((CT\_\_xdc\_runtime\_Defaults\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__xdc_runtime_Defaults_Module__loggerFxn4 xdc_runtime_Defaults_Module__loggerFxn4__C`  
= ((CT\_\_xdc\_runtime\_Defaults\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__xdc_runtime_Defaults_Module__loggerFxn8 xdc_runtime_Defaults_Module__loggerFxn8__C`  
= ((CT\_\_xdc\_runtime\_Defaults\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__xdc_runtime_Defaults_Module__startupDoneFxn xdc_runtime_Defaults_Module__startupDoneFxn__C`  
= ((CT\_\_xdc\_runtime\_Defaults\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__xdc_runtime_Defaults_Object__count xdc_runtime_Defaults_Object__count__C` = 0
- `__FAR__ const CT__xdc_runtime_Defaults_Object__heap xdc_runtime_Defaults_Object__heap__C` = 0
- `__FAR__ const CT__xdc_runtime_Defaults_Object__sizeof xdc_runtime_Defaults_Object__sizeof__C` = 0
- `__FAR__ const CT__xdc_runtime_Defaults_Object__table xdc_runtime_Defaults_Object__table__C` = 0
- `__FAR__ const CT__xdc_runtime_Diags_Module__diagsEnabled xdc_runtime_Diags_Module__diagsEnabled__C`  
= (xdc\_Bits32)0x10
- `__FAR__ const CT__xdc_runtime_Diags_Module__diagsIncluded xdc_runtime_Diags_Module__diagsIncluded__C`  
= (xdc\_Bits32)0x10
- `__FAR__ const CT__xdc_runtime_Diags_Module__diagsMask xdc_runtime_Diags_Module__diagsMask__C`  
= ((CT\_\_xdc\_runtime\_Diags\_Module\_\_diagsMask)0)
- `__FAR__ const CT__xdc_runtime_Diags_Module__gateObj xdc_runtime_Diags_Module__gateObj__C` =  
((CT\_\_xdc\_runtime\_Diags\_Module\_\_gateObj)0)
- `__FAR__ const CT__xdc_runtime_Diags_Module__gatePrms xdc_runtime_Diags_Module__gatePrms__C`  
= ((CT\_\_xdc\_runtime\_Diags\_Module\_\_gatePrms)0)
- `__FAR__ const CT__xdc_runtime_Diags_Module__id xdc_runtime_Diags_Module__id__C` = (xdc\_↵  
Bits16)0x8005
- `__FAR__ const CT__xdc_runtime_Diags_Module__loggerDefined xdc_runtime_Diags_Module__loggerDefined__C`  
= 0
- `__FAR__ const CT__xdc_runtime_Diags_Module__loggerObj xdc_runtime_Diags_Module__loggerObj__C`  
= ((CT\_\_xdc\_runtime\_Diags\_Module\_\_loggerObj)0)
- `__FAR__ const CT__xdc_runtime_Diags_Module__loggerFxn0 xdc_runtime_Diags_Module__loggerFxn0__C`  
= ((CT\_\_xdc\_runtime\_Diags\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__xdc_runtime_Diags_Module__loggerFxn1 xdc_runtime_Diags_Module__loggerFxn1__C`  
= ((CT\_\_xdc\_runtime\_Diags\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__xdc_runtime_Diags_Module__loggerFxn2 xdc_runtime_Diags_Module__loggerFxn2__C`  
= ((CT\_\_xdc\_runtime\_Diags\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__xdc_runtime_Diags_Module__loggerFxn4 xdc_runtime_Diags_Module__loggerFxn4__C`  
= ((CT\_\_xdc\_runtime\_Diags\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__xdc_runtime_Diags_Module__loggerFxn8 xdc_runtime_Diags_Module__loggerFxn8__C`  
= ((CT\_\_xdc\_runtime\_Diags\_Module\_\_loggerFxn8)0)

- `__FAR__ const CT_xdc_runtime_Diags_Module_startupDoneFxn xdc_runtime_Diags_Module_startupDoneFxn_C = ((CT_xdc_runtime_Diags_Module_startupDoneFxn)0)`
- `__FAR__ const CT_xdc_runtime_Diags_Object_count xdc_runtime_Diags_Object_count_C = 0`
- `__FAR__ const CT_xdc_runtime_Diags_Object_heap xdc_runtime_Diags_Object_heap_C = 0`
- `__FAR__ const CT_xdc_runtime_Diags_Object_sizeof xdc_runtime_Diags_Object_sizeof_C = 0`
- `__FAR__ const CT_xdc_runtime_Diags_Object_table xdc_runtime_Diags_Object_table_C = 0`
- `__FAR__ const CT_xdc_runtime_Diags_setMaskEnabled xdc_runtime_Diags_setMaskEnabled_C = 0`
- `__FAR__ const CT_xdc_runtime_Diags_dictBase xdc_runtime_Diags_dictBase_C = ((CT_xdc_runtime_Diags_dictBase)0)`
- `__FAR__ const CT_xdc_runtime_Error_Module_diagsEnabled xdc_runtime_Error_Module_diagsEnabled_C = (xdc_Bits32)0x90`
- `__FAR__ const CT_xdc_runtime_Error_Module_diagsIncluded xdc_runtime_Error_Module_diagsIncluded_C = (xdc_Bits32)0x90`
- `__FAR__ const CT_xdc_runtime_Error_Module_diagsMask xdc_runtime_Error_Module_diagsMask_C = ((CT_xdc_runtime_Error_Module_diagsMask)0)`
- `__FAR__ const CT_xdc_runtime_Error_Module_gateObj xdc_runtime_Error_Module_gateObj_C = ((CT_xdc_runtime_Error_Module_gateObj)0)`
- `__FAR__ const CT_xdc_runtime_Error_Module_gatePrms xdc_runtime_Error_Module_gatePrms_C = ((CT_xdc_runtime_Error_Module_gatePrms)0)`
- `__FAR__ const CT_xdc_runtime_Error_Module_id xdc_runtime_Error_Module_id_C = (xdc_Bits16)0x8006`
- `__FAR__ const CT_xdc_runtime_Error_Module_loggerDefined xdc_runtime_Error_Module_loggerDefined_C = 0`
- `__FAR__ const CT_xdc_runtime_Error_Module_loggerObj xdc_runtime_Error_Module_loggerObj_C = ((CT_xdc_runtime_Error_Module_loggerObj)0)`
- `__FAR__ const CT_xdc_runtime_Error_Module_loggerFxn0 xdc_runtime_Error_Module_loggerFxn0_C = ((CT_xdc_runtime_Error_Module_loggerFxn0)0)`
- `__FAR__ const CT_xdc_runtime_Error_Module_loggerFxn1 xdc_runtime_Error_Module_loggerFxn1_C = ((CT_xdc_runtime_Error_Module_loggerFxn1)0)`
- `__FAR__ const CT_xdc_runtime_Error_Module_loggerFxn2 xdc_runtime_Error_Module_loggerFxn2_C = ((CT_xdc_runtime_Error_Module_loggerFxn2)0)`
- `__FAR__ const CT_xdc_runtime_Error_Module_loggerFxn4 xdc_runtime_Error_Module_loggerFxn4_C = ((CT_xdc_runtime_Error_Module_loggerFxn4)0)`
- `__FAR__ const CT_xdc_runtime_Error_Module_loggerFxn8 xdc_runtime_Error_Module_loggerFxn8_C = ((CT_xdc_runtime_Error_Module_loggerFxn8)0)`
- `__FAR__ const CT_xdc_runtime_Error_Module_startupDoneFxn xdc_runtime_Error_Module_startupDoneFxn_C = ((CT_xdc_runtime_Error_Module_startupDoneFxn)0)`
- `__FAR__ const CT_xdc_runtime_Error_Object_count xdc_runtime_Error_Object_count_C = 0`
- `__FAR__ const CT_xdc_runtime_Error_Object_heap xdc_runtime_Error_Object_heap_C = 0`
- `__FAR__ const CT_xdc_runtime_Error_Object_sizeof xdc_runtime_Error_Object_sizeof_C = 0`
- `__FAR__ const CT_xdc_runtime_Error_Object_table xdc_runtime_Error_Object_table_C = 0`
- `__FAR__ const CT_xdc_runtime_Error_policyFxn xdc_runtime_Error_policyFxn_C = ((CT_xdc_runtime_Error_policyFxn)((xdc_Fxn)xdc_runtime_Error_policyDefault_E))`
- `__FAR__ const CT_xdc_runtime_Error_E_generic xdc_runtime_Error_E_generic_C = (((xdc_runtime_Error_Id)3656) << 16 | 0)`
- `__FAR__ const CT_xdc_runtime_Error_E_memory xdc_runtime_Error_E_memory_C = (((xdc_runtime_Error_Id)3660) << 16 | 0)`
- `__FAR__ const CT_xdc_runtime_Error_E_msgCode xdc_runtime_Error_E_msgCode_C = (((xdc_runtime_Error_Id)3694) << 16 | 0)`
- `__FAR__ const CT_xdc_runtime_Error_policy xdc_runtime_Error_policy_C = xdc_runtime_Error_UNWIND`
- `__FAR__ const CT_xdc_runtime_Error_raiseHook xdc_runtime_Error_raiseHook_C = ((CT_xdc_runtime_Error_raiseHook)((xdc_Fxn)ti_sysbios_BIOS_errorRaiseHook_I))`
- `__FAR__ const CT_xdc_runtime_Error_maxDepth xdc_runtime_Error_maxDepth_C = (xdc_UInt16)0x2`
- `__FAR__ const CT_xdc_runtime_Gate_Module_diagsEnabled xdc_runtime_Gate_Module_diagsEnabled_C = (xdc_Bits32)0x10`

- `__FAR__ const CT__xdc_runtime_Gate_Module__diagsIncluded xdc_runtime_Gate_Module__diagsIncluded__C`  
`= (xdc_Bits32)0x10`
- `__FAR__ const CT__xdc_runtime_Gate_Module__diagsMask xdc_runtime_Gate_Module__diagsMask__C`  
`= ((CT__xdc_runtime_Gate_Module__diagsMask)0)`
- `__FAR__ const CT__xdc_runtime_Gate_Module__gateObj xdc_runtime_Gate_Module__gateObj__C` =  
`((CT__xdc_runtime_Gate_Module__gateObj)0)`
- `__FAR__ const CT__xdc_runtime_Gate_Module__gatePrms xdc_runtime_Gate_Module__gatePrms__C` =  
`((CT__xdc_runtime_Gate_Module__gatePrms)0)`
- `__FAR__ const CT__xdc_runtime_Gate_Module__id xdc_runtime_Gate_Module__id__C` = `(xdc_↵`  
`Bits16)0x8007`
- `__FAR__ const CT__xdc_runtime_Gate_Module__loggerDefined xdc_runtime_Gate_Module__loggerDefined__C`  
`= 0`
- `__FAR__ const CT__xdc_runtime_Gate_Module__loggerObj xdc_runtime_Gate_Module__loggerObj__C` =  
`((CT__xdc_runtime_Gate_Module__loggerObj)0)`
- `__FAR__ const CT__xdc_runtime_Gate_Module__loggerFxn0 xdc_runtime_Gate_Module__loggerFxn0__C`  
`= ((CT__xdc_runtime_Gate_Module__loggerFxn0)0)`
- `__FAR__ const CT__xdc_runtime_Gate_Module__loggerFxn1 xdc_runtime_Gate_Module__loggerFxn1__C`  
`= ((CT__xdc_runtime_Gate_Module__loggerFxn1)0)`
- `__FAR__ const CT__xdc_runtime_Gate_Module__loggerFxn2 xdc_runtime_Gate_Module__loggerFxn2__C`  
`= ((CT__xdc_runtime_Gate_Module__loggerFxn2)0)`
- `__FAR__ const CT__xdc_runtime_Gate_Module__loggerFxn4 xdc_runtime_Gate_Module__loggerFxn4__C`  
`= ((CT__xdc_runtime_Gate_Module__loggerFxn4)0)`
- `__FAR__ const CT__xdc_runtime_Gate_Module__loggerFxn8 xdc_runtime_Gate_Module__loggerFxn8__C`  
`= ((CT__xdc_runtime_Gate_Module__loggerFxn8)0)`
- `__FAR__ const CT__xdc_runtime_Gate_Module__startupDoneFxn xdc_runtime_Gate_Module__startupDoneFxn__C`  
`= ((CT__xdc_runtime_Gate_Module__startupDoneFxn)0)`
- `__FAR__ const CT__xdc_runtime_Gate_Object__count xdc_runtime_Gate_Object__count__C` = 0
- `__FAR__ const CT__xdc_runtime_Gate_Object__heap xdc_runtime_Gate_Object__heap__C` = 0
- `__FAR__ const CT__xdc_runtime_Gate_Object__sizeof xdc_runtime_Gate_Object__sizeof__C` = 0
- `__FAR__ const CT__xdc_runtime_Gate_Object__table xdc_runtime_Gate_Object__table__C` = 0
- `__FAR__ const CT__xdc_runtime_Log_Module__diagsEnabled xdc_runtime_Log_Module__diagsEnabled__C`  
`= (xdc_Bits32)0x10`
- `__FAR__ const CT__xdc_runtime_Log_Module__diagsIncluded xdc_runtime_Log_Module__diagsIncluded__C`  
`= (xdc_Bits32)0x10`
- `__FAR__ const CT__xdc_runtime_Log_Module__diagsMask xdc_runtime_Log_Module__diagsMask__C` =  
`((CT__xdc_runtime_Log_Module__diagsMask)0)`
- `__FAR__ const CT__xdc_runtime_Log_Module__gateObj xdc_runtime_Log_Module__gateObj__C` = `((CT_↵`  
`__xdc_runtime_Log_Module__gateObj)0)`
- `__FAR__ const CT__xdc_runtime_Log_Module__gatePrms xdc_runtime_Log_Module__gatePrms__C` =  
`((CT__xdc_runtime_Log_Module__gatePrms)0)`
- `__FAR__ const CT__xdc_runtime_Log_Module__id xdc_runtime_Log_Module__id__C` = `(xdc_↵`  
`Bits16)0x8008`
- `__FAR__ const CT__xdc_runtime_Log_Module__loggerDefined xdc_runtime_Log_Module__loggerDefined__C`  
`= 0`
- `__FAR__ const CT__xdc_runtime_Log_Module__loggerObj xdc_runtime_Log_Module__loggerObj__C` =  
`((CT__xdc_runtime_Log_Module__loggerObj)0)`
- `__FAR__ const CT__xdc_runtime_Log_Module__loggerFxn0 xdc_runtime_Log_Module__loggerFxn0__C` =  
`((CT__xdc_runtime_Log_Module__loggerFxn0)0)`
- `__FAR__ const CT__xdc_runtime_Log_Module__loggerFxn1 xdc_runtime_Log_Module__loggerFxn1__C` =  
`((CT__xdc_runtime_Log_Module__loggerFxn1)0)`
- `__FAR__ const CT__xdc_runtime_Log_Module__loggerFxn2 xdc_runtime_Log_Module__loggerFxn2__C` =  
`((CT__xdc_runtime_Log_Module__loggerFxn2)0)`
- `__FAR__ const CT__xdc_runtime_Log_Module__loggerFxn4 xdc_runtime_Log_Module__loggerFxn4__C` =  
`((CT__xdc_runtime_Log_Module__loggerFxn4)0)`
- `__FAR__ const CT__xdc_runtime_Log_Module__loggerFxn8 xdc_runtime_Log_Module__loggerFxn8__C` =  
`((CT__xdc_runtime_Log_Module__loggerFxn8)0)`

- `__FAR__ const CT_xdc_runtime_Log_Module_startupDoneFxn xdc_runtime_Log_Module_startupDoneFxn_C = ((CT_xdc_runtime_Log_Module_startupDoneFxn)0)`
- `__FAR__ const CT_xdc_runtime_Log_Object_count xdc_runtime_Log_Object_count_C = 0`
- `__FAR__ const CT_xdc_runtime_Log_Object_heap xdc_runtime_Log_Object_heap_C = 0`
- `__FAR__ const CT_xdc_runtime_Log_Object_sizeof xdc_runtime_Log_Object_sizeof_C = 0`
- `__FAR__ const CT_xdc_runtime_Log_Object_table xdc_runtime_Log_Object_table_C = 0`
- `__FAR__ const CT_xdc_runtime_Log_L_construct xdc_runtime_Log_L_construct_C = (((xdc_runtime_Log_Event)4823) << 16 | 4)`
- `__FAR__ const CT_xdc_runtime_Log_L_create xdc_runtime_Log_L_create_C = (((xdc_runtime_Log_Event)4847) << 16 | 4)`
- `__FAR__ const CT_xdc_runtime_Log_L_destruct xdc_runtime_Log_L_destruct_C = (((xdc_runtime_Log_Event)4868) << 16 | 4)`
- `__FAR__ const CT_xdc_runtime_Log_L_delete xdc_runtime_Log_L_delete_C = (((xdc_runtime_Log_Event)4887) << 16 | 4)`
- `__FAR__ const CT_xdc_runtime_Log_L_error xdc_runtime_Log_L_error_C = (((xdc_runtime_Log_Event)4904) << 16 | 192)`
- `__FAR__ const CT_xdc_runtime_Log_L_warning xdc_runtime_Log_L_warning_C = (((xdc_runtime_Log_Event)4918) << 16 | 224)`
- `__FAR__ const CT_xdc_runtime_Log_L_info xdc_runtime_Log_L_info_C = (((xdc_runtime_Log_Event)4934) << 16 | 16384)`
- `__FAR__ const CT_xdc_runtime_Log_L_start xdc_runtime_Log_L_start_C = (((xdc_runtime_Log_Event)4941) << 16 | 32768)`
- `__FAR__ const CT_xdc_runtime_Log_L_stop xdc_runtime_Log_L_stop_C = (((xdc_runtime_Log_Event)4952) << 16 | 32768)`
- `__FAR__ const CT_xdc_runtime_Log_L_startInstance xdc_runtime_Log_L_startInstance_C = (((xdc_runtime_Log_Event)4962) << 16 | 32768)`
- `__FAR__ const CT_xdc_runtime_Log_L_stopInstance xdc_runtime_Log_L_stopInstance_C = (((xdc_runtime_Log_Event)4981) << 16 | 32768)`
- `__FAR__ const CT_xdc_runtime_Main_Module_diagsEnabled xdc_runtime_Main_Module_diagsEnabled_C = (xdc_Bits32)0x90`
- `__FAR__ const CT_xdc_runtime_Main_Module_diagsIncluded xdc_runtime_Main_Module_diagsIncluded_C = (xdc_Bits32)0x90`
- `__FAR__ const CT_xdc_runtime_Main_Module_diagsMask xdc_runtime_Main_Module_diagsMask_C = ((CT_xdc_runtime_Main_Module_diagsMask)0)`
- `__FAR__ const CT_xdc_runtime_Main_Module_gateObj xdc_runtime_Main_Module_gateObj_C = ((CT_xdc_runtime_Main_Module_gateObj)((void*)(xdc_runtime_IGateProvider_Handle)&ti_sysbios_gates_GateHwi_Object))`
- `__FAR__ const CT_xdc_runtime_Main_Module_gatePrms xdc_runtime_Main_Module_gatePrms_C = ((CT_xdc_runtime_Main_Module_gatePrms)0)`
- `__FAR__ const CT_xdc_runtime_Main_Module_id xdc_runtime_Main_Module_id_C = (xdc_Bits16)0x8009`
- `__FAR__ const CT_xdc_runtime_Main_Module_loggerDefined xdc_runtime_Main_Module_loggerDefined_C = 0`
- `__FAR__ const CT_xdc_runtime_Main_Module_loggerObj xdc_runtime_Main_Module_loggerObj_C = ((CT_xdc_runtime_Main_Module_loggerObj)0)`
- `__FAR__ const CT_xdc_runtime_Main_Module_loggerFxn0 xdc_runtime_Main_Module_loggerFxn0_C = ((CT_xdc_runtime_Main_Module_loggerFxn0)0)`
- `__FAR__ const CT_xdc_runtime_Main_Module_loggerFxn1 xdc_runtime_Main_Module_loggerFxn1_C = ((CT_xdc_runtime_Main_Module_loggerFxn1)0)`
- `__FAR__ const CT_xdc_runtime_Main_Module_loggerFxn2 xdc_runtime_Main_Module_loggerFxn2_C = ((CT_xdc_runtime_Main_Module_loggerFxn2)0)`
- `__FAR__ const CT_xdc_runtime_Main_Module_loggerFxn4 xdc_runtime_Main_Module_loggerFxn4_C = ((CT_xdc_runtime_Main_Module_loggerFxn4)0)`
- `__FAR__ const CT_xdc_runtime_Main_Module_loggerFxn8 xdc_runtime_Main_Module_loggerFxn8_C = ((CT_xdc_runtime_Main_Module_loggerFxn8)0)`
- `__FAR__ const CT_xdc_runtime_Main_Module_startupDoneFxn xdc_runtime_Main_Module_startupDoneFxn_C = ((CT_xdc_runtime_Main_Module_startupDoneFxn)0)`



- `__FAR__ const CT__xdc_runtime_Main_Object__count xdc_runtime_Main_Object__count__C = 0`
- `__FAR__ const CT__xdc_runtime_Main_Object__heap xdc_runtime_Main_Object__heap__C = 0`
- `__FAR__ const CT__xdc_runtime_Main_Object__sizeof xdc_runtime_Main_Object__sizeof__C = 0`
- `__FAR__ const CT__xdc_runtime_Main_Object__table xdc_runtime_Main_Object__table__C = 0`
- `__FAR__ const CT__xdc_runtime_Memory_Module__diagsEnabled xdc_runtime_Memory_Module__diagsEnabled__C = (xdc_Bits32)0x10`
- `__FAR__ const CT__xdc_runtime_Memory_Module__diagsIncluded xdc_runtime_Memory_Module__diagsIncluded__C = (xdc_Bits32)0x10`
- `__FAR__ const CT__xdc_runtime_Memory_Module__diagsMask xdc_runtime_Memory_Module__diagsMask__C = ((CT__xdc_runtime_Memory_Module__diagsMask)0)`
- `__FAR__ const CT__xdc_runtime_Memory_Module__gateObj xdc_runtime_Memory_Module__gateObj__C = ((CT__xdc_runtime_Memory_Module__gateObj)0)`
- `__FAR__ const CT__xdc_runtime_Memory_Module__gatePrms xdc_runtime_Memory_Module__gatePrms__C = ((CT__xdc_runtime_Memory_Module__gatePrms)0)`
- `__FAR__ const CT__xdc_runtime_Memory_Module__id xdc_runtime_Memory_Module__id__C = (xdc_↵ Bits16)0x800a`
- `__FAR__ const CT__xdc_runtime_Memory_Module__loggerDefined xdc_runtime_Memory_Module__loggerDefined__C = 0`
- `__FAR__ const CT__xdc_runtime_Memory_Module__loggerObj xdc_runtime_Memory_Module__loggerObj__C = ((CT__xdc_runtime_Memory_Module__loggerObj)0)`
- `__FAR__ const CT__xdc_runtime_Memory_Module__loggerFxn0 xdc_runtime_Memory_Module__loggerFxn0__C = ((CT__xdc_runtime_Memory_Module__loggerFxn0)0)`
- `__FAR__ const CT__xdc_runtime_Memory_Module__loggerFxn1 xdc_runtime_Memory_Module__loggerFxn1__C = ((CT__xdc_runtime_Memory_Module__loggerFxn1)0)`
- `__FAR__ const CT__xdc_runtime_Memory_Module__loggerFxn2 xdc_runtime_Memory_Module__loggerFxn2__C = ((CT__xdc_runtime_Memory_Module__loggerFxn2)0)`
- `__FAR__ const CT__xdc_runtime_Memory_Module__loggerFxn4 xdc_runtime_Memory_Module__loggerFxn4__C = ((CT__xdc_runtime_Memory_Module__loggerFxn4)0)`
- `__FAR__ const CT__xdc_runtime_Memory_Module__loggerFxn8 xdc_runtime_Memory_Module__loggerFxn8__C = ((CT__xdc_runtime_Memory_Module__loggerFxn8)0)`
- `__FAR__ const CT__xdc_runtime_Memory_Module__startupDoneFxn xdc_runtime_Memory_Module__startupDoneFxn__C = ((CT__xdc_runtime_Memory_Module__startupDoneFxn)0)`
- `__FAR__ const CT__xdc_runtime_Memory_Object__count xdc_runtime_Memory_Object__count__C = 0`
- `__FAR__ const CT__xdc_runtime_Memory_Object__heap xdc_runtime_Memory_Object__heap__C = 0`
- `__FAR__ const CT__xdc_runtime_Memory_Object__sizeof xdc_runtime_Memory_Object__sizeof__C = 0`
- `__FAR__ const CT__xdc_runtime_Memory_Object__table xdc_runtime_Memory_Object__table__C = 0`
- `__FAR__ const CT__xdc_runtime_Memory_defaultHeapInstance xdc_runtime_Memory_defaultHeapInstance__C = (xdc_runtime_IHeap_Handle)&ti_sysbios_heaps_HeapMem_Object__table__V[0]`
- `__FAR__ const CT__xdc_runtime_Registry_Module__diagsEnabled xdc_runtime_Registry_Module__diagsEnabled__C = (xdc_Bits32)0x90`
- `__FAR__ const CT__xdc_runtime_Registry_Module__diagsIncluded xdc_runtime_Registry_Module__diagsIncluded__C = (xdc_Bits32)0x90`
- `__FAR__ const CT__xdc_runtime_Registry_Module__diagsMask xdc_runtime_Registry_Module__diagsMask__C = ((CT__xdc_runtime_Registry_Module__diagsMask)0)`
- `__FAR__ const CT__xdc_runtime_Registry_Module__gateObj xdc_runtime_Registry_Module__gateObj__C = ((CT__xdc_runtime_Registry_Module__gateObj)0)`
- `__FAR__ const CT__xdc_runtime_Registry_Module__gatePrms xdc_runtime_Registry_Module__gatePrms__C = ((CT__xdc_runtime_Registry_Module__gatePrms)0)`
- `__FAR__ const CT__xdc_runtime_Registry_Module__id xdc_runtime_Registry_Module__id__C = (xdc_↵ Bits16)0x800b`
- `__FAR__ const CT__xdc_runtime_Registry_Module__loggerDefined xdc_runtime_Registry_Module__loggerDefined__C = 0`
- `__FAR__ const CT__xdc_runtime_Registry_Module__loggerObj xdc_runtime_Registry_Module__loggerObj__C = ((CT__xdc_runtime_Registry_Module__loggerObj)0)`
- `__FAR__ const CT__xdc_runtime_Registry_Module__loggerFxn0 xdc_runtime_Registry_Module__loggerFxn0__C = ((CT__xdc_runtime_Registry_Module__loggerFxn0)0)`

- `__FAR__ const CT__xdc_runtime_Registry_Module__loggerFxn1 xdc_runtime_Registry_Module__loggerFxn1__C`  
= ((CT\_\_xdc\_runtime\_Registry\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__xdc_runtime_Registry_Module__loggerFxn2 xdc_runtime_Registry_Module__loggerFxn2__C`  
= ((CT\_\_xdc\_runtime\_Registry\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__xdc_runtime_Registry_Module__loggerFxn4 xdc_runtime_Registry_Module__loggerFxn4__C`  
= ((CT\_\_xdc\_runtime\_Registry\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__xdc_runtime_Registry_Module__loggerFxn8 xdc_runtime_Registry_Module__loggerFxn8__C`  
= ((CT\_\_xdc\_runtime\_Registry\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__xdc_runtime_Registry_Module__startupDoneFxn xdc_runtime_Registry_Module__startupDoneFxn__C`  
= ((CT\_\_xdc\_runtime\_Registry\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__xdc_runtime_Registry_Object__count xdc_runtime_Registry_Object__count__C` = 0
- `__FAR__ const CT__xdc_runtime_Registry_Object__heap xdc_runtime_Registry_Object__heap__C` = 0
- `__FAR__ const CT__xdc_runtime_Registry_Object__sizeof xdc_runtime_Registry_Object__sizeof__C` = 0
- `__FAR__ const CT__xdc_runtime_Registry_Object__table xdc_runtime_Registry_Object__table__C` = 0
- `__FAR__ const CT__xdc_runtime_Startup_Module__diagsEnabled xdc_runtime_Startup_Module__diagsEnabled__C`  
= (xdc\_Bits32)0x10
- `__FAR__ const CT__xdc_runtime_Startup_Module__diagsIncluded xdc_runtime_Startup_Module__diagsIncluded__C`  
= (xdc\_Bits32)0x10
- `__FAR__ const CT__xdc_runtime_Startup_Module__diagsMask xdc_runtime_Startup_Module__diagsMask__C`  
= ((CT\_\_xdc\_runtime\_Startup\_Module\_\_diagsMask)0)
- `__FAR__ const CT__xdc_runtime_Startup_Module__gateObj xdc_runtime_Startup_Module__gateObj__C`  
= ((CT\_\_xdc\_runtime\_Startup\_Module\_\_gateObj)0)
- `__FAR__ const CT__xdc_runtime_Startup_Module__gatePrms xdc_runtime_Startup_Module__gatePrms__C`  
= ((CT\_\_xdc\_runtime\_Startup\_Module\_\_gatePrms)0)
- `__FAR__ const CT__xdc_runtime_Startup_Module__id xdc_runtime_Startup_Module__id__C` = (xdc\_↵  
Bits16)0x800c
- `__FAR__ const CT__xdc_runtime_Startup_Module__loggerDefined xdc_runtime_Startup_Module__loggerDefined__C`  
= 0
- `__FAR__ const CT__xdc_runtime_Startup_Module__loggerObj xdc_runtime_Startup_Module__loggerObj__C`  
= ((CT\_\_xdc\_runtime\_Startup\_Module\_\_loggerObj)0)
- `__FAR__ const CT__xdc_runtime_Startup_Module__loggerFxn0 xdc_runtime_Startup_Module__loggerFxn0__C`  
= ((CT\_\_xdc\_runtime\_Startup\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__xdc_runtime_Startup_Module__loggerFxn1 xdc_runtime_Startup_Module__loggerFxn1__C`  
= ((CT\_\_xdc\_runtime\_Startup\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__xdc_runtime_Startup_Module__loggerFxn2 xdc_runtime_Startup_Module__loggerFxn2__C`  
= ((CT\_\_xdc\_runtime\_Startup\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__xdc_runtime_Startup_Module__loggerFxn4 xdc_runtime_Startup_Module__loggerFxn4__C`  
= ((CT\_\_xdc\_runtime\_Startup\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__xdc_runtime_Startup_Module__loggerFxn8 xdc_runtime_Startup_Module__loggerFxn8__C`  
= ((CT\_\_xdc\_runtime\_Startup\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__xdc_runtime_Startup_Module__startupDoneFxn xdc_runtime_Startup_Module__startupDoneFxn__C`  
= ((CT\_\_xdc\_runtime\_Startup\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__xdc_runtime_Startup_Object__count xdc_runtime_Startup_Object__count__C` = 0
- `__FAR__ const CT__xdc_runtime_Startup_Object__heap xdc_runtime_Startup_Object__heap__C` = 0
- `__FAR__ const CT__xdc_runtime_Startup_Object__sizeof xdc_runtime_Startup_Object__sizeof__C` = 0
- `__FAR__ const CT__xdc_runtime_Startup_Object__table xdc_runtime_Startup_Object__table__C` = 0
- `__FAR__ const CT__xdc_runtime_Startup_maxPasses xdc_runtime_Startup_maxPasses__C` = (xdc\_↵  
Int)0x20
- `__FAR__ const CT__xdc_runtime_Startup_firstFxn xdc_runtime_Startup_firstFxn__C` = {5, ((T1\_xdc\_↵  
runtime\_Startup\_firstFxn\*)xdc\_runtime\_Startup\_firstFxn\_\_A)}
- `__FAR__ const CT__xdc_runtime_Startup_lastFxn xdc_runtime_Startup_lastFxn__C` = {0, 0}
- `__FAR__ const CT__xdc_runtime_Startup_startModsFxn xdc_runtime_Startup_startModsFxn__C` = ((CT\_↵  
xdc\_runtime\_Startup\_startModsFxn)((xdc\_Fxn)xdc\_runtime\_Startup\_startMods\_\_I))
- `__FAR__ const CT__xdc_runtime_Startup_execImpl xdc_runtime_Startup_execImpl__C` = ((CT\_xdc\_↵  
runtime\_Startup\_execImpl)((xdc\_Fxn)xdc\_runtime\_Startup\_exec\_\_I))

- `__FAR__ const CT_xdc_runtime_Startup_sfxnTab xdc_runtime_Startup_sfxnTab_C = ((CT_xdc_runtime_Startup_sfxnTab)xdc_runtime_Startup_sfxnTab_A)`
- `__FAR__ const CT_xdc_runtime_Startup_sfxnRts xdc_runtime_Startup_sfxnRts_C = ((CT_xdc_runtime_Startup_sfxnRts)xdc_runtime_Startup_sfxnRts_A)`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_diagsEnabled xdc_runtime_SysMin_Module_diagsEnabled_C = (xdc_Bits32)0x10`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_diagsIncluded xdc_runtime_SysMin_Module_diagsIncluded_C = (xdc_Bits32)0x10`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_diagsMask xdc_runtime_SysMin_Module_diagsMask_C = ((CT_xdc_runtime_SysMin_Module_diagsMask)0)`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_gateObj xdc_runtime_SysMin_Module_gateObj_C = ((CT_xdc_runtime_SysMin_Module_gateObj)0)`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_gatePrms xdc_runtime_SysMin_Module_gatePrms_C = ((CT_xdc_runtime_SysMin_Module_gatePrms)0)`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_id xdc_runtime_SysMin_Module_id_C = (xdc_Bits16)0x800e`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_loggerDefined xdc_runtime_SysMin_Module_loggerDefined_C = 0`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_loggerObj xdc_runtime_SysMin_Module_loggerObj_C = ((CT_xdc_runtime_SysMin_Module_loggerObj)0)`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_loggerFxn0 xdc_runtime_SysMin_Module_loggerFxn0_C = ((CT_xdc_runtime_SysMin_Module_loggerFxn0)0)`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_loggerFxn1 xdc_runtime_SysMin_Module_loggerFxn1_C = ((CT_xdc_runtime_SysMin_Module_loggerFxn1)0)`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_loggerFxn2 xdc_runtime_SysMin_Module_loggerFxn2_C = ((CT_xdc_runtime_SysMin_Module_loggerFxn2)0)`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_loggerFxn4 xdc_runtime_SysMin_Module_loggerFxn4_C = ((CT_xdc_runtime_SysMin_Module_loggerFxn4)0)`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_loggerFxn8 xdc_runtime_SysMin_Module_loggerFxn8_C = ((CT_xdc_runtime_SysMin_Module_loggerFxn8)0)`
- `__FAR__ const CT_xdc_runtime_SysMin_Module_startupDoneFxn xdc_runtime_SysMin_Module_startupDoneFxn_C = ((CT_xdc_runtime_SysMin_Module_startupDoneFxn)0)`
- `__FAR__ const CT_xdc_runtime_SysMin_Object_count xdc_runtime_SysMin_Object_count_C = 0`
- `__FAR__ const CT_xdc_runtime_SysMin_Object_heap xdc_runtime_SysMin_Object_heap_C = 0`
- `__FAR__ const CT_xdc_runtime_SysMin_Object_sizeof xdc_runtime_SysMin_Object_sizeof_C = 0`
- `__FAR__ const CT_xdc_runtime_SysMin_Object_table xdc_runtime_SysMin_Object_table_C = 0`
- `__FAR__ const CT_xdc_runtime_SysMin_bufSize xdc_runtime_SysMin_bufSize_C = (xdc_SizeT)0x80`
- `__FAR__ const CT_xdc_runtime_SysMin_flushAtExit xdc_runtime_SysMin_flushAtExit_C = 1`
- `__FAR__ const CT_xdc_runtime_SysMin_outputFxn xdc_runtime_SysMin_outputFxn_C = ((CT_xdc_runtime_SysMin_outputFxn)0)`
- `__FAR__ const CT_xdc_runtime_SysMin_outputFunc xdc_runtime_SysMin_outputFunc_C = ((CT_xdc_runtime_SysMin_outputFunc)((xdc_Fxn)xdc_runtime_SysMin_output_))`
- `__FAR__ const CT_xdc_runtime_System_Module_diagsEnabled xdc_runtime_System_Module_diagsEnabled_C = (xdc_Bits32)0x10`
- `__FAR__ const CT_xdc_runtime_System_Module_diagsIncluded xdc_runtime_System_Module_diagsIncluded_C = (xdc_Bits32)0x10`
- `__FAR__ const CT_xdc_runtime_System_Module_diagsMask xdc_runtime_System_Module_diagsMask_C = ((CT_xdc_runtime_System_Module_diagsMask)0)`
- `__FAR__ const CT_xdc_runtime_System_Module_gateObj xdc_runtime_System_Module_gateObj_C = ((CT_xdc_runtime_System_Module_gateObj)((void*)(xdc_runtime_IGateProvider_Handle)&ti_sysbios_gates_GateHwi_O`
- `__FAR__ const CT_xdc_runtime_System_Module_gatePrms xdc_runtime_System_Module_gatePrms_C = ((CT_xdc_runtime_System_Module_gatePrms)0)`
- `__FAR__ const CT_xdc_runtime_System_Module_id xdc_runtime_System_Module_id_C = (xdc_Bits16)0x800d`
- `__FAR__ const CT_xdc_runtime_System_Module_loggerDefined xdc_runtime_System_Module_loggerDefined_C = 0`



- `__FAR__ const CT__xdc_runtime_System_Module__loggerObj xdc_runtime_System_Module__loggerObj_C`  
= ((CT\_\_xdc\_runtime\_System\_Module\_\_loggerObj)0)
- `__FAR__ const CT__xdc_runtime_System_Module__loggerFxn0 xdc_runtime_System_Module__loggerFxn0_C`  
= ((CT\_\_xdc\_runtime\_System\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__xdc_runtime_System_Module__loggerFxn1 xdc_runtime_System_Module__loggerFxn1_C`  
= ((CT\_\_xdc\_runtime\_System\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__xdc_runtime_System_Module__loggerFxn2 xdc_runtime_System_Module__loggerFxn2_C`  
= ((CT\_\_xdc\_runtime\_System\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__xdc_runtime_System_Module__loggerFxn4 xdc_runtime_System_Module__loggerFxn4_C`  
= ((CT\_\_xdc\_runtime\_System\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__xdc_runtime_System_Module__loggerFxn8 xdc_runtime_System_Module__loggerFxn8_C`  
= ((CT\_\_xdc\_runtime\_System\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__xdc_runtime_System_Module__startupDoneFxn xdc_runtime_System_Module__startupDoneFxn_C`  
= ((CT\_\_xdc\_runtime\_System\_Module\_\_startupDoneFxn)0)
- `__FAR__ const CT__xdc_runtime_System_Object__count xdc_runtime_System_Object__count_C` = 0
- `__FAR__ const CT__xdc_runtime_System_Object__heap xdc_runtime_System_Object__heap_C` = 0
- `__FAR__ const CT__xdc_runtime_System_Object__sizeof xdc_runtime_System_Object__sizeof_C` = 0
- `__FAR__ const CT__xdc_runtime_System_Object__table xdc_runtime_System_Object__table_C` = 0
- `__FAR__ const CT__xdc_runtime_System_A_cannotFitIntoArg xdc_runtime_System_A_cannotFitIntoArg_C`  
= (((xdc\_runtime\_Assert\_Id)352) << 16 | 16)
- `__FAR__ const CT__xdc_runtime_System_maxAtexitHandlers xdc_runtime_System_maxAtexitHandlers_C`  
= (xdc\_Int)0x2
- `__FAR__ const CT__xdc_runtime_System_abortFxn xdc_runtime_System_abortFxn_C` = ((CT\_\_xdc\_↵  
runtime\_System\_abortFxn)((xdc\_Fxn)xdc\_runtime\_System\_abortStd\_E))
- `__FAR__ const CT__xdc_runtime_System_exitFxn xdc_runtime_System_exitFxn_C` = ((CT\_\_xdc\_↵  
runtime\_System\_exitFxn)((xdc\_Fxn)xdc\_runtime\_System\_exitStd\_E))
- `__FAR__ const CT__xdc_runtime_System_extendFxn xdc_runtime_System_extendFxn_C` = ((CT\_\_xdc\_↵  
runtime\_System\_extendFxn)((xdc\_Fxn)xdc\_runtime\_System\_printfExtend\_I))
- `__FAR__ const CT__xdc_runtime_Text_Module__diagsEnabled xdc_runtime_Text_Module__diagsEnabled_C`  
= (xdc\_Bits32)0x10
- `__FAR__ const CT__xdc_runtime_Text_Module__diagsIncluded xdc_runtime_Text_Module__diagsIncluded_C`  
= (xdc\_Bits32)0x10
- `__FAR__ const CT__xdc_runtime_Text_Module__diagsMask xdc_runtime_Text_Module__diagsMask_C` =  
((CT\_\_xdc\_runtime\_Text\_Module\_\_diagsMask)0)
- `__FAR__ const CT__xdc_runtime_Text_Module__gateObj xdc_runtime_Text_Module__gateObj_C` =  
((CT\_\_xdc\_runtime\_Text\_Module\_\_gateObj)0)
- `__FAR__ const CT__xdc_runtime_Text_Module__gatePrms xdc_runtime_Text_Module__gatePrms_C` =  
((CT\_\_xdc\_runtime\_Text\_Module\_\_gatePrms)0)
- `__FAR__ const CT__xdc_runtime_Text_Module__id xdc_runtime_Text_Module__id_C` = (xdc\_↵  
Bits16)0x800f
- `__FAR__ const CT__xdc_runtime_Text_Module__loggerDefined xdc_runtime_Text_Module__loggerDefined_C`  
= 0
- `__FAR__ const CT__xdc_runtime_Text_Module__loggerObj xdc_runtime_Text_Module__loggerObj_C` =  
((CT\_\_xdc\_runtime\_Text\_Module\_\_loggerObj)0)
- `__FAR__ const CT__xdc_runtime_Text_Module__loggerFxn0 xdc_runtime_Text_Module__loggerFxn0_C` =  
((CT\_\_xdc\_runtime\_Text\_Module\_\_loggerFxn0)0)
- `__FAR__ const CT__xdc_runtime_Text_Module__loggerFxn1 xdc_runtime_Text_Module__loggerFxn1_C` =  
((CT\_\_xdc\_runtime\_Text\_Module\_\_loggerFxn1)0)
- `__FAR__ const CT__xdc_runtime_Text_Module__loggerFxn2 xdc_runtime_Text_Module__loggerFxn2_C` =  
((CT\_\_xdc\_runtime\_Text\_Module\_\_loggerFxn2)0)
- `__FAR__ const CT__xdc_runtime_Text_Module__loggerFxn4 xdc_runtime_Text_Module__loggerFxn4_C` =  
((CT\_\_xdc\_runtime\_Text\_Module\_\_loggerFxn4)0)
- `__FAR__ const CT__xdc_runtime_Text_Module__loggerFxn8 xdc_runtime_Text_Module__loggerFxn8_C` =  
((CT\_\_xdc\_runtime\_Text\_Module\_\_loggerFxn8)0)
- `__FAR__ const CT__xdc_runtime_Text_Module__startupDoneFxn xdc_runtime_Text_Module__startupDoneFxn_C`  
= ((CT\_\_xdc\_runtime\_Text\_Module\_\_startupDoneFxn)0)

- `__FAR__ const CT__xdc_runtime_Text_Object__count xdc\_runtime\_Text\_Object\_\_count\_\_C = 0`
- `__FAR__ const CT__xdc_runtime_Text_Object__heap xdc\_runtime\_Text\_Object\_\_heap\_\_C = 0`
- `__FAR__ const CT__xdc_runtime_Text_Object__sizeof xdc\_runtime\_Text\_Object\_\_sizeof\_\_C = 0`
- `__FAR__ const CT__xdc_runtime_Text_Object__table xdc\_runtime\_Text\_Object\_\_table\_\_C = 0`
- `__FAR__ const CT__xdc_runtime_Text_nameUnknown xdc\_runtime\_Text\_nameUnknown\_\_C = "{unknown-instance-name}"`
- `__FAR__ const CT__xdc_runtime_Text_nameEmpty xdc\_runtime\_Text\_nameEmpty\_\_C = "{empty-instance-name}"`
- `__FAR__ const CT__xdc_runtime_Text_nameStatic xdc\_runtime\_Text\_nameStatic\_\_C = "{static-instance-name}"`
- `__FAR__ const CT__xdc_runtime_Text_isLoaded xdc\_runtime\_Text\_isLoaded\_\_C = 1`
- `__FAR__ const CT__xdc_runtime_Text_charTab xdc\_runtime\_Text\_charTab\_\_C = ((CT__xdc_runtime_Text_charTab)xdc\_runtime\_Text\_charTab\_\_A)`
- `__FAR__ const CT__xdc_runtime_Text_nodeTab xdc\_runtime\_Text\_nodeTab\_\_C = ((CT__xdc_runtime_Text_nodeTab)xdc\_runtime\_Text\_nodeTab\_\_A)`
- `__FAR__ const CT__xdc_runtime_Text_charCnt xdc\_runtime\_Text\_charCnt\_\_C = (xdc_Int16)0x1861`
- `__FAR__ const CT__xdc_runtime_Text_nodeCnt xdc\_runtime\_Text\_nodeCnt\_\_C = (xdc_Int16)0x2f`
- `__FAR__ const CT__xdc_runtime_Text_unnamedModsLastId xdc\_runtime\_Text\_unnamedModsLastId\_\_C = (xdc_UInt16)0x4000`
- `__FAR__ const CT__xdc_runtime_Text_registryModsLastId xdc\_runtime\_Text\_registryModsLastId\_\_C = (xdc_UInt16)0x7fff`
- `__FAR__ const CT__xdc_runtime_Text_visitRopeFxn xdc\_runtime\_Text\_visitRopeFxn\_\_C = ((CT__xdc_runtime_Text_visitRopeFxn)((xdc_Fxn)xdc\_runtime\_Text\_visitRope\_\_I))`
- `__FAR__ const CT__xdc_runtime_Text_visitRopeFxn2 xdc\_runtime\_Text\_visitRopeFxn2\_\_C = ((CT__xdc_runtime_Text_visitRopeFxn2)((xdc_Fxn)xdc\_runtime\_Text\_visitRope2\_\_I))`
- `__FAR__ int(*volatile \_\_xdc\_init\_addr)(void) = &\_\_xdc\_init`

### 4.3.1 Macro Definition Documentation

#### 4.3.1.1 `__config__`

```
#define __config__
```

#### 4.3.1.2 `__nested__`

```
#define __nested__
```

#### 4.3.1.3 `ATTRIBUTE`

```
#define ATTRIBUTE __attribute__((used))
```

**4.3.1.4 Module\_\_DGSENAB [1/18]**

```
#define Module__DGSENAB ti_sysbios_BIOS_RtsGateProxy_Module__diagsEnabled__C
```

**4.3.1.5 Module\_\_DGSENAB [2/18]**

```
#define Module__DGSENAB ti_sysbios_family_arm_lm4_Timer_Module__diagsEnabled__C
```

**4.3.1.6 Module\_\_DGSENAB [3/18]**

```
#define Module__DGSENAB ti_sysbios_family_arm_m3_Hwi_Module__diagsEnabled__C
```

**4.3.1.7 Module\_\_DGSENAB [4/18]**

```
#define Module__DGSENAB ti_sysbios_gates_GateHwi_Module__diagsEnabled__C
```

**4.3.1.8 Module\_\_DGSENAB [5/18]**

```
#define Module__DGSENAB ti_sysbios_gates_GateMutex_Module__diagsEnabled__C
```

**4.3.1.9 Module\_\_DGSENAB [6/18]**

```
#define Module__DGSENAB ti_sysbios_hal_Hwi_Module__diagsEnabled__C
```

**4.3.1.10 Module\_\_DGSENAB [7/18]**

```
#define Module__DGSENAB ti_sysbios_hal_Hwi_HwiProxy_Module__diagsEnabled__C
```

**4.3.1.11 Module\_\_DGSENAB [8/18]**

```
#define Module__DGSENAB ti_sysbios_heaps_HeapMem_Module__diagsEnabled__C
```

**4.3.1.12 Module\_\_DGSENAB [9/18]**

```
#define Module__DGSENAB ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__diagsEnabled__C
```

**4.3.1.13 Module\_\_DGSENAB [10/18]**

```
#define Module__DGSENAB ti_sysbios_knl_Clock_Module__diagsEnabled__C
```

**4.3.1.14 Module\_\_DGSENAB [11/18]**

```
#define Module__DGSENAB ti_sysbios_knl_Clock_TimerProxy_Module__diagsEnabled__C
```

**4.3.1.15 Module\_\_DGSENAB [12/18]**

```
#define Module__DGSENAB ti_sysbios_knl_Queue_Module__diagsEnabled__C
```

**4.3.1.16 Module\_\_DGSENAB [13/18]**

```
#define Module__DGSENAB ti_sysbios_knl_Semaphore_Module__diagsEnabled__C
```

**4.3.1.17 Module\_\_DGSENAB [14/18]**

```
#define Module__DGSENAB ti_sysbios_knl_Swi_Module__diagsEnabled__C
```

**4.3.1.18 Module\_\_DGSENAB [15/18]**

```
#define Module__DGSENAB ti_sysbios_knl_Task_Module__diagsEnabled__C
```

**4.3.1.19 Module\_\_DGSENAB [16/18]**

```
#define Module__DGSENAB xdc_runtime_Main_Module_GateProxy_Module__diagsEnabled__C
```

**4.3.1.20 Module\_\_DGSENAB [17/18]**

```
#define Module__DGSENAB xdc_runtime_Memory_HeapProxy_Module__diagsEnabled__C
```

**4.3.1.21 Module\_\_DGSENAB [18/18]**

```
#define Module__DGSENAB xdc_runtime_System_Module_GateProxy_Module__diagsEnabled__C
```

**4.3.1.22 Module\_\_DGSINCL [1/18]**

```
#define Module__DGSINCL ti_sysbios_BIOS_RtsGateProxy_Module__diagsIncluded__C
```

**4.3.1.23 Module\_\_DGSINCL [2/18]**

```
#define Module__DGSINCL ti_sysbios_family_arm_lm4_Timer_Module__diagsIncluded__C
```

**4.3.1.24 Module\_\_DGSINCL [3/18]**

```
#define Module__DGSINCL ti_sysbios_family_arm_m3_Hwi_Module__diagsIncluded__C
```

**4.3.1.25 Module\_\_DGSINCL [4/18]**

```
#define Module__DGSINCL ti_sysbios_gates_GateHwi_Module__diagsIncluded__C
```

**4.3.1.26 Module\_\_DGSINCL [5/18]**

```
#define Module__DGSINCL ti_sysbios_gates_GateMutex_Module__diagsIncluded__C
```

**4.3.1.27 Module\_\_DGSINCL [6/18]**

```
#define Module__DGSINCL ti_sysbios_hal_Hwi_Module__diagsIncluded__C
```

**4.3.1.28 Module\_\_DGSINCL** [7/18]

```
#define Module__DGSINCL ti_sysbios_hal_Hwi_HwiProxy_Module__diagsIncluded__C
```

**4.3.1.29 Module\_\_DGSINCL** [8/18]

```
#define Module__DGSINCL ti_sysbios_heaps_HeapMem_Module__diagsIncluded__C
```

**4.3.1.30 Module\_\_DGSINCL** [9/18]

```
#define Module__DGSINCL ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__diagsIncluded__C
```

**4.3.1.31 Module\_\_DGSINCL** [10/18]

```
#define Module__DGSINCL ti_sysbios_knl_Clock_Module__diagsIncluded__C
```

**4.3.1.32 Module\_\_DGSINCL** [11/18]

```
#define Module__DGSINCL ti_sysbios_knl_Clock_TimerProxy_Module__diagsIncluded__C
```

**4.3.1.33 Module\_\_DGSINCL** [12/18]

```
#define Module__DGSINCL ti_sysbios_knl_Queue_Module__diagsIncluded__C
```

**4.3.1.34 Module\_\_DGSINCL** [13/18]

```
#define Module__DGSINCL ti_sysbios_knl_Semaphore_Module__diagsIncluded__C
```

**4.3.1.35 Module\_\_DGSINCL** [14/18]

```
#define Module__DGSINCL ti_sysbios_knl_Swi_Module__diagsIncluded__C
```

**4.3.1.36 Module\_\_DGSINCL [15/18]**

```
#define Module__DGSINCL ti_sysbios_knl_Task_Module__diagsIncluded__C
```

**4.3.1.37 Module\_\_DGSINCL [16/18]**

```
#define Module__DGSINCL xdc_runtime_Main_Module_GateProxy_Module__diagsIncluded__C
```

**4.3.1.38 Module\_\_DGSINCL [17/18]**

```
#define Module__DGSINCL xdc_runtime_Memory_HeapProxy_Module__diagsIncluded__C
```

**4.3.1.39 Module\_\_DGSINCL [18/18]**

```
#define Module__DGSINCL xdc_runtime_System_Module_GateProxy_Module__diagsIncluded__C
```

**4.3.1.40 Module\_\_DGSMASK [1/18]**

```
#define Module__DGSMASK ti_sysbios_BIOS_RtsGateProxy_Module__diagsMask__C
```

**4.3.1.41 Module\_\_DGSMASK [2/18]**

```
#define Module__DGSMASK ti_sysbios_family_arm_lm4_Timer_Module__diagsMask__C
```

**4.3.1.42 Module\_\_DGSMASK [3/18]**

```
#define Module__DGSMASK ti_sysbios_family_arm_m3_Hwi_Module__diagsMask__C
```

**4.3.1.43 Module\_\_DGSMASK [4/18]**

```
#define Module__DGSMASK ti_sysbios_gates_GateHwi_Module__diagsMask__C
```

**4.3.1.44 Module\_\_DGSMASK [5/18]**

```
#define Module__DGSMASK ti_sysbios_gates_GateMutex_Module__diagsMask__C
```

**4.3.1.45 Module\_\_DGSMASK [6/18]**

```
#define Module__DGSMASK ti_sysbios_hal_Hwi_Module__diagsMask__C
```

**4.3.1.46 Module\_\_DGSMASK [7/18]**

```
#define Module__DGSMASK ti_sysbios_hal_Hwi_HwiProxy_Module__diagsMask__C
```

**4.3.1.47 Module\_\_DGSMASK [8/18]**

```
#define Module__DGSMASK ti_sysbios_heaps_HeapMem_Module__diagsMask__C
```

**4.3.1.48 Module\_\_DGSMASK [9/18]**

```
#define Module__DGSMASK ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__diagsMask__C
```

**4.3.1.49 Module\_\_DGSMASK [10/18]**

```
#define Module__DGSMASK ti_sysbios_knl_Clock_Module__diagsMask__C
```

**4.3.1.50 Module\_\_DGSMASK [11/18]**

```
#define Module__DGSMASK ti_sysbios_knl_Clock_TimerProxy_Module__diagsMask__C
```

**4.3.1.51 Module\_\_DGSMASK [12/18]**

```
#define Module__DGSMASK ti_sysbios_knl_Queue_Module__diagsMask__C
```



**4.3.1.52 Module\_\_DGSMASK [13/18]**

```
#define Module__DGSMASK ti_sysbios_knl_Semaphore_Module__diagsMask__C
```

**4.3.1.53 Module\_\_DGSMASK [14/18]**

```
#define Module__DGSMASK ti_sysbios_knl_Swi_Module__diagsMask__C
```

**4.3.1.54 Module\_\_DGSMASK [15/18]**

```
#define Module__DGSMASK ti_sysbios_knl_Task_Module__diagsMask__C
```

**4.3.1.55 Module\_\_DGSMASK [16/18]**

```
#define Module__DGSMASK xdc_runtime_Main_Module_GateProxy_Module__diagsMask__C
```

**4.3.1.56 Module\_\_DGSMASK [17/18]**

```
#define Module__DGSMASK xdc_runtime_Memory_HeapProxy_Module__diagsMask__C
```

**4.3.1.57 Module\_\_DGSMASK [18/18]**

```
#define Module__DGSMASK xdc_runtime_System_Module_GateProxy_Module__diagsMask__C
```

**4.3.1.58 Module\_\_G\_OBJ [1/18]**

```
#define Module__G_OBJ ti_sysbios_BIOS_RtsGateProxy_Module__gateObj__C
```

**4.3.1.59 Module\_\_G\_OBJ [2/18]**

```
#define Module__G_OBJ ti_sysbios_family_arm_lm4_Timer_Module__gateObj__C
```

**4.3.1.60 Module\_\_G\_OBJ [3/18]**

```
#define Module__G_OBJ ti_sysbios_family_arm_m3_Hwi_Module__gateObj__C
```

**4.3.1.61 Module\_\_G\_OBJ [4/18]**

```
#define Module__G_OBJ ti_sysbios_gates_GateHwi_Module__gateObj__C
```

**4.3.1.62 Module\_\_G\_OBJ [5/18]**

```
#define Module__G_OBJ ti_sysbios_gates_GateMutex_Module__gateObj__C
```

**4.3.1.63 Module\_\_G\_OBJ [6/18]**

```
#define Module__G_OBJ ti_sysbios_hal_Hwi_Module__gateObj__C
```

**4.3.1.64 Module\_\_G\_OBJ [7/18]**

```
#define Module__G_OBJ ti_sysbios_hal_Hwi_HwiProxy_Module__gateObj__C
```

**4.3.1.65 Module\_\_G\_OBJ [8/18]**

```
#define Module__G_OBJ ti_sysbios_heaps_HeapMem_Module__gateObj__C
```

**4.3.1.66 Module\_\_G\_OBJ [9/18]**

```
#define Module__G_OBJ ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__gateObj__C
```

**4.3.1.67 Module\_\_G\_OBJ [10/18]**

```
#define Module__G_OBJ ti_sysbios_knl_Clock_Module__gateObj__C
```

**4.3.1.68 Module\_\_G\_OBJ [11/18]**

```
#define Module__G_OBJ ti_sysbios_knl_Clock_TimerProxy_Module__gateObj__C
```

**4.3.1.69 Module\_\_G\_OBJ [12/18]**

```
#define Module__G_OBJ ti_sysbios_knl_Queue_Module__gateObj__C
```

**4.3.1.70 Module\_\_G\_OBJ [13/18]**

```
#define Module__G_OBJ ti_sysbios_knl_Semaphore_Module__gateObj__C
```

**4.3.1.71 Module\_\_G\_OBJ [14/18]**

```
#define Module__G_OBJ ti_sysbios_knl_Swi_Module__gateObj__C
```

**4.3.1.72 Module\_\_G\_OBJ [15/18]**

```
#define Module__G_OBJ ti_sysbios_knl_Task_Module__gateObj__C
```

**4.3.1.73 Module\_\_G\_OBJ [16/18]**

```
#define Module__G_OBJ xdc_runtime_Main_Module_GateProxy_Module__gateObj__C
```

**4.3.1.74 Module\_\_G\_OBJ [17/18]**

```
#define Module__G_OBJ xdc_runtime_Memory_HeapProxy_Module__gateObj__C
```

**4.3.1.75 Module\_\_G\_OBJ [18/18]**

```
#define Module__G_OBJ xdc_runtime_System_Module_GateProxy_Module__gateObj__C
```

**4.3.1.76 Module\_\_G\_PRMS [1/18]**

```
#define Module__G_PRMS ti_sysbios_BIOS_RtsGateProxy_Module__gatePrms__C
```

**4.3.1.77 Module\_\_G\_PRMS [2/18]**

```
#define Module__G_PRMS ti_sysbios_family_arm_lm4_Timer_Module__gatePrms__C
```

**4.3.1.78 Module\_\_G\_PRMS [3/18]**

```
#define Module__G_PRMS ti_sysbios_family_arm_m3_Hwi_Module__gatePrms__C
```

**4.3.1.79 Module\_\_G\_PRMS [4/18]**

```
#define Module__G_PRMS ti_sysbios_gates_GateHwi_Module__gatePrms__C
```

**4.3.1.80 Module\_\_G\_PRMS [5/18]**

```
#define Module__G_PRMS ti_sysbios_gates_GateMutex_Module__gatePrms__C
```

**4.3.1.81 Module\_\_G\_PRMS [6/18]**

```
#define Module__G_PRMS ti_sysbios_hal_Hwi_Module__gatePrms__C
```

**4.3.1.82 Module\_\_G\_PRMS [7/18]**

```
#define Module__G_PRMS ti_sysbios_hal_Hwi_HwiProxy_Module__gatePrms__C
```

**4.3.1.83 Module\_\_G\_PRMS [8/18]**

```
#define Module__G_PRMS ti_sysbios_heaps_HeapMem_Module__gatePrms__C
```

**4.3.1.84 Module\_\_G\_PRMS [9/18]**

```
#define Module__G_PRMS ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__gatePrms__C
```

**4.3.1.85 Module\_\_G\_PRMS [10/18]**

```
#define Module__G_PRMS ti_sysbios_knl_Clock_Module__gatePrms__C
```

**4.3.1.86 Module\_\_G\_PRMS [11/18]**

```
#define Module__G_PRMS ti_sysbios_knl_Clock_TimerProxy_Module__gatePrms__C
```

**4.3.1.87 Module\_\_G\_PRMS [12/18]**

```
#define Module__G_PRMS ti_sysbios_knl_Queue_Module__gatePrms__C
```

**4.3.1.88 Module\_\_G\_PRMS [13/18]**

```
#define Module__G_PRMS ti_sysbios_knl_Semaphore_Module__gatePrms__C
```

**4.3.1.89 Module\_\_G\_PRMS [14/18]**

```
#define Module__G_PRMS ti_sysbios_knl_Swi_Module__gatePrms__C
```

**4.3.1.90 Module\_\_G\_PRMS [15/18]**

```
#define Module__G_PRMS ti_sysbios_knl_Task_Module__gatePrms__C
```

**4.3.1.91 Module\_\_G\_PRMS [16/18]**

```
#define Module__G_PRMS xdc_runtime_Main_Module_GateProxy_Module__gatePrms__C
```

**4.3.1.92 Module\_\_G\_PRMS [17/18]**

```
#define Module__G_PRMS xdc_runtime_Memory_HeapProxy_Module__gatePrms__C
```

**4.3.1.93 Module\_\_G\_PRMS [18/18]**

```
#define Module__G_PRMS xdc_runtime_System_Module_GateProxy_Module__gatePrms__C
```

**4.3.1.94 Module\_\_GP\_create [1/18]**

```
#define Module__GP_create ti_sysbios_BIOS_RtsGateProxy_Module_GateProxy_create
```

**4.3.1.95 Module\_\_GP\_create [2/18]**

```
#define Module__GP_create ti_sysbios_family_arm_lm4_Timer_Module_GateProxy_create
```

**4.3.1.96 Module\_\_GP\_create [3/18]**

```
#define Module__GP_create ti_sysbios_family_arm_m3_Hwi_Module_GateProxy_create
```

**4.3.1.97 Module\_\_GP\_create [4/18]**

```
#define Module__GP_create ti_sysbios_gates_GateHwi_Module_GateProxy_create
```

**4.3.1.98 Module\_\_GP\_create [5/18]**

```
#define Module__GP_create ti_sysbios_gates_GateMutex_Module_GateProxy_create
```

**4.3.1.99 Module\_\_GP\_create [6/18]**

```
#define Module__GP_create ti_sysbios_hal_Hwi_Module_GateProxy_create
```

**4.3.1.100 Module\_\_GP\_create [7/18]**

```
#define Module__GP_create ti_sysbios_hal_Hwi_HwiProxy_Module_GateProxy_create
```

**4.3.1.101 Module\_\_GP\_create [8/18]**

```
#define Module__GP_create ti_sysbios_heaps_HeapMem_Module_GateProxy_create
```

**4.3.1.102 Module\_\_GP\_create [9/18]**

```
#define Module__GP_create ti_sysbios_heaps_HeapMem_Module_GateProxy_Module_GateProxy_create
```

**4.3.1.103 Module\_\_GP\_create [10/18]**

```
#define Module__GP_create ti_sysbios_knl_Clock_Module_GateProxy_create
```

**4.3.1.104 Module\_\_GP\_create [11/18]**

```
#define Module__GP_create ti_sysbios_knl_Clock_TimerProxy_Module_GateProxy_create
```

**4.3.1.105 Module\_\_GP\_create [12/18]**

```
#define Module__GP_create ti_sysbios_knl_Queue_Module_GateProxy_create
```

**4.3.1.106 Module\_\_GP\_create [13/18]**

```
#define Module__GP_create ti_sysbios_knl_Semaphore_Module_GateProxy_create
```

**4.3.1.107 Module\_\_GP\_create [14/18]**

```
#define Module__GP_create ti_sysbios_knl_Swi_Module_GateProxy_create
```

**4.3.1.108 Module\_\_GP\_create [15/18]**

```
#define Module__GP_create ti_sysbios_knl_Task_Module_GateProxy_create
```

**4.3.1.109 Module\_\_GP\_create [16/18]**

```
#define Module__GP_create xdc_runtime_Main_Module_GateProxy_Module_GateProxy_create
```

**4.3.1.110 Module\_\_GP\_create [17/18]**

```
#define Module__GP_create xdc_runtime_Memory_HeapProxy_Module_GateProxy_create
```

**4.3.1.111 Module\_\_GP\_create [18/18]**

```
#define Module__GP_create xdc_runtime_System_Module_GateProxy_Module_GateProxy_create
```

**4.3.1.112 Module\_\_GP\_delete [1/18]**

```
#define Module__GP_delete ti_sysbios_BIOS_RtsGateProxy_Module_GateProxy_delete
```

**4.3.1.113 Module\_\_GP\_delete [2/18]**

```
#define Module__GP_delete ti_sysbios_family_arm_lm4_Timer_Module_GateProxy_delete
```

**4.3.1.114 Module\_\_GP\_delete [3/18]**

```
#define Module__GP_delete ti_sysbios_family_arm_m3_Hwi_Module_GateProxy_delete
```

**4.3.1.115 Module\_\_GP\_delete [4/18]**

```
#define Module__GP_delete ti_sysbios_gates_GateHwi_Module_GateProxy_delete
```



**4.3.1.116 Module\_\_GP\_delete [5/18]**

```
#define Module__GP_delete ti_sysbios_gates_GateMutex_Module_GateProxy_delete
```

**4.3.1.117 Module\_\_GP\_delete [6/18]**

```
#define Module__GP_delete ti_sysbios_hal_Hwi_Module_GateProxy_delete
```

**4.3.1.118 Module\_\_GP\_delete [7/18]**

```
#define Module__GP_delete ti_sysbios_hal_Hwi_HwiProxy_Module_GateProxy_delete
```

**4.3.1.119 Module\_\_GP\_delete [8/18]**

```
#define Module__GP_delete ti_sysbios_heaps_HeapMem_Module_GateProxy_delete
```

**4.3.1.120 Module\_\_GP\_delete [9/18]**

```
#define Module__GP_delete ti_sysbios_heaps_HeapMem_Module_GateProxy_Module_GateProxy_delete
```

**4.3.1.121 Module\_\_GP\_delete [10/18]**

```
#define Module__GP_delete ti_sysbios_knl_Clock_Module_GateProxy_delete
```

**4.3.1.122 Module\_\_GP\_delete [11/18]**

```
#define Module__GP_delete ti_sysbios_knl_Clock_TimerProxy_Module_GateProxy_delete
```

**4.3.1.123 Module\_\_GP\_delete [12/18]**

```
#define Module__GP_delete ti_sysbios_knl_Queue_Module_GateProxy_delete
```

**4.3.1.124 Module\_\_GP\_delete [13/18]**

```
#define Module__GP_delete ti_sysbios_knl_Semaphore_Module_GateProxy_delete
```

**4.3.1.125 Module\_\_GP\_delete [14/18]**

```
#define Module__GP_delete ti_sysbios_knl_Swi_Module_GateProxy_delete
```

**4.3.1.126 Module\_\_GP\_delete [15/18]**

```
#define Module__GP_delete ti_sysbios_knl_Task_Module_GateProxy_delete
```

**4.3.1.127 Module\_\_GP\_delete [16/18]**

```
#define Module__GP_delete xdc_runtime_Main_Module_GateProxy_Module_GateProxy_delete
```

**4.3.1.128 Module\_\_GP\_delete [17/18]**

```
#define Module__GP_delete xdc_runtime_Memory_HeapProxy_Module_GateProxy_delete
```

**4.3.1.129 Module\_\_GP\_delete [18/18]**

```
#define Module__GP_delete xdc_runtime_System_Module_GateProxy_Module_GateProxy_delete
```

**4.3.1.130 Module\_\_GP\_enter [1/18]**

```
#define Module__GP_enter ti_sysbios_BIOS_RtsGateProxy_Module_GateProxy_enter
```

**4.3.1.131 Module\_\_GP\_enter [2/18]**

```
#define Module__GP_enter ti_sysbios_family_arm_lm4_Timer_Module_GateProxy_enter
```

**4.3.1.132 Module\_\_GP\_enter [3/18]**

```
#define Module__GP_enter ti_sysbios_family_arm_m3_Hwi_Module_GateProxy_enter
```

**4.3.1.133 Module\_\_GP\_enter [4/18]**

```
#define Module__GP_enter ti_sysbios_gates_GateHwi_Module_GateProxy_enter
```

**4.3.1.134 Module\_\_GP\_enter [5/18]**

```
#define Module__GP_enter ti_sysbios_gates_GateMutex_Module_GateProxy_enter
```

**4.3.1.135 Module\_\_GP\_enter [6/18]**

```
#define Module__GP_enter ti_sysbios_hal_Hwi_Module_GateProxy_enter
```

**4.3.1.136 Module\_\_GP\_enter [7/18]**

```
#define Module__GP_enter ti_sysbios_hal_Hwi_HwiProxy_Module_GateProxy_enter
```

**4.3.1.137 Module\_\_GP\_enter [8/18]**

```
#define Module__GP_enter ti_sysbios_heaps_HeapMem_Module_GateProxy_enter
```

**4.3.1.138 Module\_\_GP\_enter [9/18]**

```
#define Module__GP_enter ti_sysbios_heaps_HeapMem_Module_GateProxy_Module_GateProxy_enter
```

**4.3.1.139 Module\_\_GP\_enter [10/18]**

```
#define Module__GP_enter ti_sysbios_knl_Clock_Module_GateProxy_enter
```

**4.3.1.140 Module\_\_GP\_enter [11/18]**

```
#define Module__GP_enter ti_sysbios_knl_Clock_TimerProxy_Module_GateProxy_enter
```

**4.3.1.141 Module\_\_GP\_enter [12/18]**

```
#define Module__GP_enter ti_sysbios_knl_Queue_Module_GateProxy_enter
```

**4.3.1.142 Module\_\_GP\_enter [13/18]**

```
#define Module__GP_enter ti_sysbios_knl_Semaphore_Module_GateProxy_enter
```

**4.3.1.143 Module\_\_GP\_enter [14/18]**

```
#define Module__GP_enter ti_sysbios_knl_Swi_Module_GateProxy_enter
```

**4.3.1.144 Module\_\_GP\_enter [15/18]**

```
#define Module__GP_enter ti_sysbios_knl_Task_Module_GateProxy_enter
```

**4.3.1.145 Module\_\_GP\_enter [16/18]**

```
#define Module__GP_enter xdc_runtime_Main_Module_GateProxy_Module_GateProxy_enter
```

**4.3.1.146 Module\_\_GP\_enter [17/18]**

```
#define Module__GP_enter xdc_runtime_Memory_HeapProxy_Module_GateProxy_enter
```

**4.3.1.147 Module\_\_GP\_enter [18/18]**

```
#define Module__GP_enter xdc_runtime_System_Module_GateProxy_Module_GateProxy_enter
```

**4.3.1.148 Module\_\_GP\_leave [1/18]**

```
#define Module__GP_leave ti_sysbios_BIOS_RtsGateProxy_Module_GateProxy_leave
```

**4.3.1.149 Module\_\_GP\_leave [2/18]**

```
#define Module__GP_leave ti_sysbios_family_arm_lm4_Timer_Module_GateProxy_leave
```

**4.3.1.150 Module\_\_GP\_leave [3/18]**

```
#define Module__GP_leave ti_sysbios_family_arm_m3_Hwi_Module_GateProxy_leave
```

**4.3.1.151 Module\_\_GP\_leave [4/18]**

```
#define Module__GP_leave ti_sysbios_gates_GateHwi_Module_GateProxy_leave
```

**4.3.1.152 Module\_\_GP\_leave [5/18]**

```
#define Module__GP_leave ti_sysbios_gates_GateMutex_Module_GateProxy_leave
```

**4.3.1.153 Module\_\_GP\_leave [6/18]**

```
#define Module__GP_leave ti_sysbios_hal_Hwi_Module_GateProxy_leave
```

**4.3.1.154 Module\_\_GP\_leave [7/18]**

```
#define Module__GP_leave ti_sysbios_hal_Hwi_HwiProxy_Module_GateProxy_leave
```

**4.3.1.155 Module\_\_GP\_leave [8/18]**

```
#define Module__GP_leave ti_sysbios_heaps_HeapMem_Module_GateProxy_leave
```

**4.3.1.156 Module\_\_GP\_leave [9/18]**

```
#define Module__GP_leave ti_sysbios_heaps_HeapMem_Module_GateProxy_Module_GateProxy_leave
```

**4.3.1.157 Module\_\_GP\_leave [10/18]**

```
#define Module__GP_leave ti_sysbios_knl_Clock_Module_GateProxy_leave
```

**4.3.1.158 Module\_\_GP\_leave [11/18]**

```
#define Module__GP_leave ti_sysbios_knl_Clock_TimerProxy_Module_GateProxy_leave
```

**4.3.1.159 Module\_\_GP\_leave [12/18]**

```
#define Module__GP_leave ti_sysbios_knl_Queue_Module_GateProxy_leave
```

**4.3.1.160 Module\_\_GP\_leave [13/18]**

```
#define Module__GP_leave ti_sysbios_knl_Semaphore_Module_GateProxy_leave
```

**4.3.1.161 Module\_\_GP\_leave [14/18]**

```
#define Module__GP_leave ti_sysbios_knl_Swi_Module_GateProxy_leave
```

**4.3.1.162 Module\_\_GP\_leave [15/18]**

```
#define Module__GP_leave ti_sysbios_knl_Task_Module_GateProxy_leave
```

**4.3.1.163 Module\_\_GP\_leave [16/18]**

```
#define Module__GP_leave xdc_runtime_Main_Module_GateProxy_Module_GateProxy_leave
```

**4.3.1.164 Module\_\_GP\_leave [17/18]**

```
#define Module__GP_leave xdc_runtime_Memory_HeapProxy_Module_GateProxy_leave
```

**4.3.1.165 Module\_\_GP\_leave [18/18]**

```
#define Module__GP_leave xdc_runtime_System_Module_GateProxy_Module_GateProxy_leave
```

**4.3.1.166 Module\_\_GP\_query [1/18]**

```
#define Module__GP_query ti_sysbios_BIOS_RtsGateProxy_Module_GateProxy_query
```

**4.3.1.167 Module\_\_GP\_query [2/18]**

```
#define Module__GP_query ti_sysbios_family_arm_lm4_Timer_Module_GateProxy_query
```

**4.3.1.168 Module\_\_GP\_query [3/18]**

```
#define Module__GP_query ti_sysbios_family_arm_m3_Hwi_Module_GateProxy_query
```

**4.3.1.169 Module\_\_GP\_query [4/18]**

```
#define Module__GP_query ti_sysbios_gates_GateHwi_Module_GateProxy_query
```

**4.3.1.170 Module\_\_GP\_query [5/18]**

```
#define Module__GP_query ti_sysbios_gates_GateMutex_Module_GateProxy_query
```

**4.3.1.171 Module\_\_GP\_query [6/18]**

```
#define Module__GP_query ti_sysbios_hal_Hwi_Module_GateProxy_query
```

**4.3.1.172 Module\_\_GP\_query [7/18]**

```
#define Module__GP_query ti_sysbios_hal_Hwi_HwiProxy_Module_GateProxy_query
```

**4.3.1.173 Module\_\_GP\_query [8/18]**

```
#define Module__GP_query ti_sysbios_heaps_HeapMem_Module_GateProxy_query
```

**4.3.1.174 Module\_\_GP\_query [9/18]**

```
#define Module__GP_query ti_sysbios_heaps_HeapMem_Module_GateProxy_Module_GateProxy_query
```

**4.3.1.175 Module\_\_GP\_query [10/18]**

```
#define Module__GP_query ti_sysbios_knl_Clock_Module_GateProxy_query
```

**4.3.1.176 Module\_\_GP\_query [11/18]**

```
#define Module__GP_query ti_sysbios_knl_Clock_TimerProxy_Module_GateProxy_query
```

**4.3.1.177 Module\_\_GP\_query [12/18]**

```
#define Module__GP_query ti_sysbios_knl_Queue_Module_GateProxy_query
```

**4.3.1.178 Module\_\_GP\_query [13/18]**

```
#define Module__GP_query ti_sysbios_knl_Semaphore_Module_GateProxy_query
```

**4.3.1.179 Module\_\_GP\_query [14/18]**

```
#define Module__GP_query ti_sysbios_knl_Swi_Module_GateProxy_query
```



**4.3.1.180 Module\_\_GP\_query [15/18]**

```
#define Module__GP_query ti_sysbios_knl_Task_Module_GateProxy_query
```

**4.3.1.181 Module\_\_GP\_query [16/18]**

```
#define Module__GP_query xdc_runtime_Main_Module_GateProxy_Module_GateProxy_query
```

**4.3.1.182 Module\_\_GP\_query [17/18]**

```
#define Module__GP_query xdc_runtime_Memory_HeapProxy_Module_GateProxy_query
```

**4.3.1.183 Module\_\_GP\_query [18/18]**

```
#define Module__GP_query xdc_runtime_System_Module_GateProxy_Module_GateProxy_query
```

**4.3.1.184 Module\_\_LOGDEF [1/18]**

```
#define Module__LOGDEF ti_sysbios_BIOS_RtsGateProxy_Module__loggerDefined__C
```

**4.3.1.185 Module\_\_LOGDEF [2/18]**

```
#define Module__LOGDEF ti_sysbios_family_arm_lm4_Timer_Module__loggerDefined__C
```

**4.3.1.186 Module\_\_LOGDEF [3/18]**

```
#define Module__LOGDEF ti_sysbios_family_arm_m3_Hwi_Module__loggerDefined__C
```

**4.3.1.187 Module\_\_LOGDEF [4/18]**

```
#define Module__LOGDEF ti_sysbios_gates_GateHwi_Module__loggerDefined__C
```

**4.3.1.188 Module\_\_LOGDEF [5/18]**

```
#define Module__LOGDEF ti_sysbios_gates_GateMutex_Module__loggerDefined__C
```

**4.3.1.189 Module\_\_LOGDEF [6/18]**

```
#define Module__LOGDEF ti_sysbios_hal_Hwi_Module__loggerDefined__C
```

**4.3.1.190 Module\_\_LOGDEF [7/18]**

```
#define Module__LOGDEF ti_sysbios_hal_Hwi_HwiProxy_Module__loggerDefined__C
```

**4.3.1.191 Module\_\_LOGDEF [8/18]**

```
#define Module__LOGDEF ti_sysbios_heaps_HeapMem_Module__loggerDefined__C
```

**4.3.1.192 Module\_\_LOGDEF [9/18]**

```
#define Module__LOGDEF ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__loggerDefined__C
```

**4.3.1.193 Module\_\_LOGDEF [10/18]**

```
#define Module__LOGDEF ti_sysbios_knl_Clock_Module__loggerDefined__C
```

**4.3.1.194 Module\_\_LOGDEF [11/18]**

```
#define Module__LOGDEF ti_sysbios_knl_Clock_TimerProxy_Module__loggerDefined__C
```

**4.3.1.195 Module\_\_LOGDEF [12/18]**

```
#define Module__LOGDEF ti_sysbios_knl_Queue_Module__loggerDefined__C
```

**4.3.1.196 Module\_\_LOGDEF [13/18]**

```
#define Module__LOGDEF ti_sysbios_knl_Semaphore_Module__loggerDefined__C
```

**4.3.1.197 Module\_\_LOGDEF [14/18]**

```
#define Module__LOGDEF ti_sysbios_knl_Swi_Module__loggerDefined__C
```

**4.3.1.198 Module\_\_LOGDEF [15/18]**

```
#define Module__LOGDEF ti_sysbios_knl_Task_Module__loggerDefined__C
```

**4.3.1.199 Module\_\_LOGDEF [16/18]**

```
#define Module__LOGDEF xdc_runtime_Main_Module_GateProxy_Module__loggerDefined__C
```

**4.3.1.200 Module\_\_LOGDEF [17/18]**

```
#define Module__LOGDEF xdc_runtime_Memory_HeapProxy_Module__loggerDefined__C
```

**4.3.1.201 Module\_\_LOGDEF [18/18]**

```
#define Module__LOGDEF xdc_runtime_System_Module_GateProxy_Module__loggerDefined__C
```

**4.3.1.202 Module\_\_LOGFXN0 [1/18]**

```
#define Module__LOGFXN0 ti_sysbios_BIOS_RtsGateProxy_Module__loggerFxn0__C
```

**4.3.1.203 Module\_\_LOGFXN0 [2/18]**

```
#define Module__LOGFXN0 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn0__C
```

**4.3.1.204 Module\_\_LOGFXN0** [3/18]

```
#define Module__LOGFXN0 ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn0__C
```

**4.3.1.205 Module\_\_LOGFXN0** [4/18]

```
#define Module__LOGFXN0 ti_sysbios_gates_GateHwi_Module__loggerFxn0__C
```

**4.3.1.206 Module\_\_LOGFXN0** [5/18]

```
#define Module__LOGFXN0 ti_sysbios_gates_GateMutex_Module__loggerFxn0__C
```

**4.3.1.207 Module\_\_LOGFXN0** [6/18]

```
#define Module__LOGFXN0 ti_sysbios_hal_Hwi_Module__loggerFxn0__C
```

**4.3.1.208 Module\_\_LOGFXN0** [7/18]

```
#define Module__LOGFXN0 ti_sysbios_hal_Hwi_HwiProxy_Module__loggerFxn0__C
```

**4.3.1.209 Module\_\_LOGFXN0** [8/18]

```
#define Module__LOGFXN0 ti_sysbios_heaps_HeapMem_Module__loggerFxn0__C
```

**4.3.1.210 Module\_\_LOGFXN0** [9/18]

```
#define Module__LOGFXN0 ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__loggerFxn0__C
```

**4.3.1.211 Module\_\_LOGFXN0** [10/18]

```
#define Module__LOGFXN0 ti_sysbios_knl_Clock_Module__loggerFxn0__C
```

**4.3.1.212 Module\_\_LOGFXN0 [11/18]**

```
#define Module__LOGFXN0 ti_sysbios_knl_Clock_TimerProxy_Module__loggerFxn0__C
```

**4.3.1.213 Module\_\_LOGFXN0 [12/18]**

```
#define Module__LOGFXN0 ti_sysbios_knl_Queue_Module__loggerFxn0__C
```

**4.3.1.214 Module\_\_LOGFXN0 [13/18]**

```
#define Module__LOGFXN0 ti_sysbios_knl_Semaphore_Module__loggerFxn0__C
```

**4.3.1.215 Module\_\_LOGFXN0 [14/18]**

```
#define Module__LOGFXN0 ti_sysbios_knl_Swi_Module__loggerFxn0__C
```

**4.3.1.216 Module\_\_LOGFXN0 [15/18]**

```
#define Module__LOGFXN0 ti_sysbios_knl_Task_Module__loggerFxn0__C
```

**4.3.1.217 Module\_\_LOGFXN0 [16/18]**

```
#define Module__LOGFXN0 xdc_runtime_Main_Module_GateProxy_Module__loggerFxn0__C
```

**4.3.1.218 Module\_\_LOGFXN0 [17/18]**

```
#define Module__LOGFXN0 xdc_runtime_Memory_HeapProxy_Module__loggerFxn0__C
```

**4.3.1.219 Module\_\_LOGFXN0 [18/18]**

```
#define Module__LOGFXN0 xdc_runtime_System_Module_GateProxy_Module__loggerFxn0__C
```

**4.3.1.220 Module\_\_LOGFXN1** [1/18]

```
#define Module__LOGFXN1 ti_sysbios_BIOS_RtsGateProxy_Module__loggerFxn1__C
```

**4.3.1.221 Module\_\_LOGFXN1** [2/18]

```
#define Module__LOGFXN1 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn1__C
```

**4.3.1.222 Module\_\_LOGFXN1** [3/18]

```
#define Module__LOGFXN1 ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn1__C
```

**4.3.1.223 Module\_\_LOGFXN1** [4/18]

```
#define Module__LOGFXN1 ti_sysbios_gates_GateHwi_Module__loggerFxn1__C
```

**4.3.1.224 Module\_\_LOGFXN1** [5/18]

```
#define Module__LOGFXN1 ti_sysbios_gates_GateMutex_Module__loggerFxn1__C
```

**4.3.1.225 Module\_\_LOGFXN1** [6/18]

```
#define Module__LOGFXN1 ti_sysbios_hal_Hwi_Module__loggerFxn1__C
```

**4.3.1.226 Module\_\_LOGFXN1** [7/18]

```
#define Module__LOGFXN1 ti_sysbios_hal_Hwi_HwiProxy_Module__loggerFxn1__C
```

**4.3.1.227 Module\_\_LOGFXN1** [8/18]

```
#define Module__LOGFXN1 ti_sysbios_heaps_HeapMem_Module__loggerFxn1__C
```

**4.3.1.228 Module\_\_LOGFXN1 [9/18]**

```
#define Module__LOGFXN1 ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__loggerFxn1__C
```

**4.3.1.229 Module\_\_LOGFXN1 [10/18]**

```
#define Module__LOGFXN1 ti_sysbios_knl_Clock_Module__loggerFxn1__C
```

**4.3.1.230 Module\_\_LOGFXN1 [11/18]**

```
#define Module__LOGFXN1 ti_sysbios_knl_Clock_TimerProxy_Module__loggerFxn1__C
```

**4.3.1.231 Module\_\_LOGFXN1 [12/18]**

```
#define Module__LOGFXN1 ti_sysbios_knl_Queue_Module__loggerFxn1__C
```

**4.3.1.232 Module\_\_LOGFXN1 [13/18]**

```
#define Module__LOGFXN1 ti_sysbios_knl_Semaphore_Module__loggerFxn1__C
```

**4.3.1.233 Module\_\_LOGFXN1 [14/18]**

```
#define Module__LOGFXN1 ti_sysbios_knl_Swi_Module__loggerFxn1__C
```

**4.3.1.234 Module\_\_LOGFXN1 [15/18]**

```
#define Module__LOGFXN1 ti_sysbios_knl_Task_Module__loggerFxn1__C
```

**4.3.1.235 Module\_\_LOGFXN1 [16/18]**

```
#define Module__LOGFXN1 xdc_runtime_Main_Module_GateProxy_Module__loggerFxn1__C
```

**4.3.1.236 Module\_\_LOGFXN1** [17/18]

```
#define Module__LOGFXN1 xdc_runtime_Memory_HeapProxy_Module__loggerFxn1__C
```

**4.3.1.237 Module\_\_LOGFXN1** [18/18]

```
#define Module__LOGFXN1 xdc_runtime_System_Module_GateProxy_Module__loggerFxn1__C
```

**4.3.1.238 Module\_\_LOGFXN2** [1/18]

```
#define Module__LOGFXN2 ti_sysbios_BIOS_RtsGateProxy_Module__loggerFxn2__C
```

**4.3.1.239 Module\_\_LOGFXN2** [2/18]

```
#define Module__LOGFXN2 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn2__C
```

**4.3.1.240 Module\_\_LOGFXN2** [3/18]

```
#define Module__LOGFXN2 ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn2__C
```

**4.3.1.241 Module\_\_LOGFXN2** [4/18]

```
#define Module__LOGFXN2 ti_sysbios_gates_GateHwi_Module__loggerFxn2__C
```

**4.3.1.242 Module\_\_LOGFXN2** [5/18]

```
#define Module__LOGFXN2 ti_sysbios_gates_GateMutex_Module__loggerFxn2__C
```

**4.3.1.243 Module\_\_LOGFXN2** [6/18]

```
#define Module__LOGFXN2 ti_sysbios_hal_Hwi_Module__loggerFxn2__C
```



**4.3.1.244 Module\_\_LOGFXN2 [7/18]**

```
#define Module__LOGFXN2 ti_sysbios_hal_Hwi_HwiProxy_Module__loggerFxn2__C
```

**4.3.1.245 Module\_\_LOGFXN2 [8/18]**

```
#define Module__LOGFXN2 ti_sysbios_heaps_HeapMem_Module__loggerFxn2__C
```

**4.3.1.246 Module\_\_LOGFXN2 [9/18]**

```
#define Module__LOGFXN2 ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__loggerFxn2__C
```

**4.3.1.247 Module\_\_LOGFXN2 [10/18]**

```
#define Module__LOGFXN2 ti_sysbios_knl_Clock_Module__loggerFxn2__C
```

**4.3.1.248 Module\_\_LOGFXN2 [11/18]**

```
#define Module__LOGFXN2 ti_sysbios_knl_Clock_TimerProxy_Module__loggerFxn2__C
```

**4.3.1.249 Module\_\_LOGFXN2 [12/18]**

```
#define Module__LOGFXN2 ti_sysbios_knl_Queue_Module__loggerFxn2__C
```

**4.3.1.250 Module\_\_LOGFXN2 [13/18]**

```
#define Module__LOGFXN2 ti_sysbios_knl_Semaphore_Module__loggerFxn2__C
```

**4.3.1.251 Module\_\_LOGFXN2 [14/18]**

```
#define Module__LOGFXN2 ti_sysbios_knl_Swi_Module__loggerFxn2__C
```

**4.3.1.252 Module\_\_LOGFXN2** [15/18]

```
#define Module__LOGFXN2 ti_sysbios_knl_Task_Module__loggerFxn2__C
```

**4.3.1.253 Module\_\_LOGFXN2** [16/18]

```
#define Module__LOGFXN2 xdc_runtime_Main_Module_GateProxy_Module__loggerFxn2__C
```

**4.3.1.254 Module\_\_LOGFXN2** [17/18]

```
#define Module__LOGFXN2 xdc_runtime_Memory_HeapProxy_Module__loggerFxn2__C
```

**4.3.1.255 Module\_\_LOGFXN2** [18/18]

```
#define Module__LOGFXN2 xdc_runtime_System_Module_GateProxy_Module__loggerFxn2__C
```

**4.3.1.256 Module\_\_LOGFXN4** [1/18]

```
#define Module__LOGFXN4 ti_sysbios_BIOS_RtsGateProxy_Module__loggerFxn4__C
```

**4.3.1.257 Module\_\_LOGFXN4** [2/18]

```
#define Module__LOGFXN4 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn4__C
```

**4.3.1.258 Module\_\_LOGFXN4** [3/18]

```
#define Module__LOGFXN4 ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn4__C
```

**4.3.1.259 Module\_\_LOGFXN4** [4/18]

```
#define Module__LOGFXN4 ti_sysbios_gates_GateHwi_Module__loggerFxn4__C
```

**4.3.1.260 Module\_\_LOGFXN4** [5/18]

```
#define Module__LOGFXN4 ti_sysbios_gates_GateMutex_Module__loggerFxn4__C
```

**4.3.1.261 Module\_\_LOGFXN4** [6/18]

```
#define Module__LOGFXN4 ti_sysbios_hal_Hwi_Module__loggerFxn4__C
```

**4.3.1.262 Module\_\_LOGFXN4** [7/18]

```
#define Module__LOGFXN4 ti_sysbios_hal_Hwi_HwiProxy_Module__loggerFxn4__C
```

**4.3.1.263 Module\_\_LOGFXN4** [8/18]

```
#define Module__LOGFXN4 ti_sysbios_heaps_HeapMem_Module__loggerFxn4__C
```

**4.3.1.264 Module\_\_LOGFXN4** [9/18]

```
#define Module__LOGFXN4 ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__loggerFxn4__C
```

**4.3.1.265 Module\_\_LOGFXN4** [10/18]

```
#define Module__LOGFXN4 ti_sysbios_knl_Clock_Module__loggerFxn4__C
```

**4.3.1.266 Module\_\_LOGFXN4** [11/18]

```
#define Module__LOGFXN4 ti_sysbios_knl_Clock_TimerProxy_Module__loggerFxn4__C
```

**4.3.1.267 Module\_\_LOGFXN4** [12/18]

```
#define Module__LOGFXN4 ti_sysbios_knl_Queue_Module__loggerFxn4__C
```

**4.3.1.268 Module\_\_LOGFXN4** [13/18]

```
#define Module__LOGFXN4 ti_sysbios_knl_Semaphore_Module__loggerFxn4__C
```

**4.3.1.269 Module\_\_LOGFXN4** [14/18]

```
#define Module__LOGFXN4 ti_sysbios_knl_Swi_Module__loggerFxn4__C
```

**4.3.1.270 Module\_\_LOGFXN4** [15/18]

```
#define Module__LOGFXN4 ti_sysbios_knl_Task_Module__loggerFxn4__C
```

**4.3.1.271 Module\_\_LOGFXN4** [16/18]

```
#define Module__LOGFXN4 xdc_runtime_Main_Module_GateProxy_Module__loggerFxn4__C
```

**4.3.1.272 Module\_\_LOGFXN4** [17/18]

```
#define Module__LOGFXN4 xdc_runtime_Memory_HeapProxy_Module__loggerFxn4__C
```

**4.3.1.273 Module\_\_LOGFXN4** [18/18]

```
#define Module__LOGFXN4 xdc_runtime_System_Module_GateProxy_Module__loggerFxn4__C
```

**4.3.1.274 Module\_\_LOGFXN8** [1/18]

```
#define Module__LOGFXN8 ti_sysbios_BIOS_RtsGateProxy_Module__loggerFxn8__C
```

**4.3.1.275 Module\_\_LOGFXN8** [2/18]

```
#define Module__LOGFXN8 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn8__C
```

**4.3.1.276 Module\_\_LOGFXN8 [3/18]**

```
#define Module__LOGFXN8 ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn8__C
```

**4.3.1.277 Module\_\_LOGFXN8 [4/18]**

```
#define Module__LOGFXN8 ti_sysbios_gates_GateHwi_Module__loggerFxn8__C
```

**4.3.1.278 Module\_\_LOGFXN8 [5/18]**

```
#define Module__LOGFXN8 ti_sysbios_gates_GateMutex_Module__loggerFxn8__C
```

**4.3.1.279 Module\_\_LOGFXN8 [6/18]**

```
#define Module__LOGFXN8 ti_sysbios_hal_Hwi_Module__loggerFxn8__C
```

**4.3.1.280 Module\_\_LOGFXN8 [7/18]**

```
#define Module__LOGFXN8 ti_sysbios_hal_Hwi_HwiProxy_Module__loggerFxn8__C
```

**4.3.1.281 Module\_\_LOGFXN8 [8/18]**

```
#define Module__LOGFXN8 ti_sysbios_heaps_HeapMem_Module__loggerFxn8__C
```

**4.3.1.282 Module\_\_LOGFXN8 [9/18]**

```
#define Module__LOGFXN8 ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__loggerFxn8__C
```

**4.3.1.283 Module\_\_LOGFXN8 [10/18]**

```
#define Module__LOGFXN8 ti_sysbios_knl_Clock_Module__loggerFxn8__C
```

**4.3.1.284 Module\_\_LOGFXN8 [11/18]**

```
#define Module__LOGFXN8 ti_sysbios_knl_Clock_TimerProxy_Module__loggerFxn8__C
```

**4.3.1.285 Module\_\_LOGFXN8 [12/18]**

```
#define Module__LOGFXN8 ti_sysbios_knl_Queue_Module__loggerFxn8__C
```

**4.3.1.286 Module\_\_LOGFXN8 [13/18]**

```
#define Module__LOGFXN8 ti_sysbios_knl_Semaphore_Module__loggerFxn8__C
```

**4.3.1.287 Module\_\_LOGFXN8 [14/18]**

```
#define Module__LOGFXN8 ti_sysbios_knl_Swi_Module__loggerFxn8__C
```

**4.3.1.288 Module\_\_LOGFXN8 [15/18]**

```
#define Module__LOGFXN8 ti_sysbios_knl_Task_Module__loggerFxn8__C
```

**4.3.1.289 Module\_\_LOGFXN8 [16/18]**

```
#define Module__LOGFXN8 xdc_runtime_Main_Module_GateProxy_Module__loggerFxn8__C
```

**4.3.1.290 Module\_\_LOGFXN8 [17/18]**

```
#define Module__LOGFXN8 xdc_runtime_Memory_HeapProxy_Module__loggerFxn8__C
```

**4.3.1.291 Module\_\_LOGFXN8 [18/18]**

```
#define Module__LOGFXN8 xdc_runtime_System_Module_GateProxy_Module__loggerFxn8__C
```

**4.3.1.292 Module\_\_LOGOBJ [1/18]**

```
#define Module__LOGOBJ ti_sysbios_BIOS_RtsGateProxy_Module__loggerObj__C
```

**4.3.1.293 Module\_\_LOGOBJ [2/18]**

```
#define Module__LOGOBJ ti_sysbios_family_arm_lm4_Timer_Module__loggerObj__C
```

**4.3.1.294 Module\_\_LOGOBJ [3/18]**

```
#define Module__LOGOBJ ti_sysbios_family_arm_m3_Hwi_Module__loggerObj__C
```

**4.3.1.295 Module\_\_LOGOBJ [4/18]**

```
#define Module__LOGOBJ ti_sysbios_gates_GateHwi_Module__loggerObj__C
```

**4.3.1.296 Module\_\_LOGOBJ [5/18]**

```
#define Module__LOGOBJ ti_sysbios_gates_GateMutex_Module__loggerObj__C
```

**4.3.1.297 Module\_\_LOGOBJ [6/18]**

```
#define Module__LOGOBJ ti_sysbios_hal_Hwi_Module__loggerObj__C
```

**4.3.1.298 Module\_\_LOGOBJ [7/18]**

```
#define Module__LOGOBJ ti_sysbios_hal_Hwi_HwiProxy_Module__loggerObj__C
```

**4.3.1.299 Module\_\_LOGOBJ [8/18]**

```
#define Module__LOGOBJ ti_sysbios_heaps_HeapMem_Module__loggerObj__C
```

**4.3.1.300 Module\_\_LOGOBJ [9/18]**

```
#define Module__LOGOBJ ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__loggerObj__C
```

**4.3.1.301 Module\_\_LOGOBJ [10/18]**

```
#define Module__LOGOBJ ti_sysbios_knl_Clock_Module__loggerObj__C
```

**4.3.1.302 Module\_\_LOGOBJ [11/18]**

```
#define Module__LOGOBJ ti_sysbios_knl_Clock_TimerProxy_Module__loggerObj__C
```

**4.3.1.303 Module\_\_LOGOBJ [12/18]**

```
#define Module__LOGOBJ ti_sysbios_knl_Queue_Module__loggerObj__C
```

**4.3.1.304 Module\_\_LOGOBJ [13/18]**

```
#define Module__LOGOBJ ti_sysbios_knl_Semaphore_Module__loggerObj__C
```

**4.3.1.305 Module\_\_LOGOBJ [14/18]**

```
#define Module__LOGOBJ ti_sysbios_knl_Swi_Module__loggerObj__C
```

**4.3.1.306 Module\_\_LOGOBJ [15/18]**

```
#define Module__LOGOBJ ti_sysbios_knl_Task_Module__loggerObj__C
```

**4.3.1.307 Module\_\_LOGOBJ [16/18]**

```
#define Module__LOGOBJ xdc_runtime_Main_Module_GateProxy_Module__loggerObj__C
```



**4.3.1.308 Module\_\_LOGOBJ [17/18]**

```
#define Module__LOGOBJ xdc_runtime_Memory_HeapProxy_Module__loggerObj__C
```

**4.3.1.309 Module\_\_LOGOBJ [18/18]**

```
#define Module__LOGOBJ xdc_runtime_System_Module_GateProxy_Module__loggerObj__C
```

**4.3.1.310 Module\_\_MID [1/18]**

```
#define Module__MID ti_sysbios_BIOS_RtsGateProxy_Module__id__C
```

**4.3.1.311 Module\_\_MID [2/18]**

```
#define Module__MID ti_sysbios_family_arm_lm4_Timer_Module__id__C
```

**4.3.1.312 Module\_\_MID [3/18]**

```
#define Module__MID ti_sysbios_family_arm_m3_Hwi_Module__id__C
```

**4.3.1.313 Module\_\_MID [4/18]**

```
#define Module__MID ti_sysbios_gates_GateHwi_Module__id__C
```

**4.3.1.314 Module\_\_MID [5/18]**

```
#define Module__MID ti_sysbios_gates_GateMutex_Module__id__C
```

**4.3.1.315 Module\_\_MID [6/18]**

```
#define Module__MID ti_sysbios_hal_Hwi_Module__id__C
```

**4.3.1.316 Module\_\_MID [7/18]**

```
#define Module__MID ti_sysbios_hal_HwiHwiProxy_Module__id__C
```

**4.3.1.317 Module\_\_MID [8/18]**

```
#define Module__MID ti_sysbios_heaps_HeapMem_Module__id__C
```

**4.3.1.318 Module\_\_MID [9/18]**

```
#define Module__MID ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__id__C
```

**4.3.1.319 Module\_\_MID [10/18]**

```
#define Module__MID ti_sysbios_knl_Clock_Module__id__C
```

**4.3.1.320 Module\_\_MID [11/18]**

```
#define Module__MID ti_sysbios_knl_Clock_TimerProxy_Module__id__C
```

**4.3.1.321 Module\_\_MID [12/18]**

```
#define Module__MID ti_sysbios_knl_Queue_Module__id__C
```

**4.3.1.322 Module\_\_MID [13/18]**

```
#define Module__MID ti_sysbios_knl_Semaphore_Module__id__C
```

**4.3.1.323 Module\_\_MID [14/18]**

```
#define Module__MID ti_sysbios_knl_Swi_Module__id__C
```

**4.3.1.324 Module\_\_MID [15/18]**

```
#define Module__MID ti_sysbios_knl_Task_Module__id__C
```

**4.3.1.325 Module\_\_MID [16/18]**

```
#define Module__MID xdc_runtime_Main_Module_GateProxy_Module__id__C
```

**4.3.1.326 Module\_\_MID [17/18]**

```
#define Module__MID xdc_runtime_Memory_HeapProxy_Module__id__C
```

**4.3.1.327 Module\_\_MID [18/18]**

```
#define Module__MID xdc_runtime_System_Module_GateProxy_Module__id__C
```

**4.3.1.328 ti\_sysbios\_BIOS\_RtsGateProxy\_\_ParamsPtr**

```
#define ti_sysbios_BIOS_RtsGateProxy__ParamsPtr xdc_Ptr
```

**4.3.1.329 ti\_sysbios\_family\_arm\_lm4\_Timer\_\_ParamsPtr**

```
#define ti_sysbios_family_arm_lm4_Timer__ParamsPtr xdc_Ptr
```

**4.3.1.330 ti\_sysbios\_family\_arm\_m3\_Hwi\_\_ParamsPtr**

```
#define ti_sysbios_family_arm_m3_Hwi__ParamsPtr xdc_Ptr
```

**4.3.1.331 ti\_sysbios\_gates\_GateHwi\_\_ParamsPtr**

```
#define ti_sysbios_gates_GateHwi__ParamsPtr xdc_Ptr
```

**4.3.1.332 ti\_sysbios\_gates\_GateMutex\_\_\_ParamsPtr**

```
#define ti_sysbios_gates_GateMutex___ParamsPtr xdc_Ptr
```

**4.3.1.333 ti\_sysbios\_hal\_Hwi\_\_\_ParamsPtr**

```
#define ti_sysbios_hal_Hwi___ParamsPtr xdc_Ptr
```

**4.3.1.334 ti\_sysbios\_hal\_Hwi\_HwiProxy\_\_\_ParamsPtr**

```
#define ti_sysbios_hal_Hwi_HwiProxy___ParamsPtr xdc_Ptr
```

**4.3.1.335 ti\_sysbios\_heaps\_HeapMem\_\_\_ParamsPtr**

```
#define ti_sysbios_heaps_HeapMem___ParamsPtr xdc_Ptr
```

**4.3.1.336 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_\_\_ParamsPtr**

```
#define ti_sysbios_heaps_HeapMem_Module_GateProxy___ParamsPtr xdc_Ptr
```

**4.3.1.337 ti\_sysbios\_knl\_Clock\_\_\_ParamsPtr**

```
#define ti_sysbios_knl_Clock___ParamsPtr xdc_Ptr
```

**4.3.1.338 ti\_sysbios\_knl\_Clock\_TimerProxy\_\_\_ParamsPtr**

```
#define ti_sysbios_knl_Clock_TimerProxy___ParamsPtr xdc_Ptr
```

**4.3.1.339 ti\_sysbios\_knl\_Queue\_\_\_ParamsPtr**

```
#define ti_sysbios_knl_Queue___ParamsPtr xdc_Ptr
```

#### 4.3.1.340 ti\_sysbios\_knl\_Semaphore\_\_\_ParamsPtr

```
#define ti_sysbios_knl_Semaphore___ParamsPtr xdc_Ptr
```

#### 4.3.1.341 ti\_sysbios\_knl\_Swi\_\_\_ParamsPtr

```
#define ti_sysbios_knl_Swi___ParamsPtr xdc_Ptr
```

#### 4.3.1.342 ti\_sysbios\_knl\_Task\_\_\_ParamsPtr

```
#define ti_sysbios_knl_Task___ParamsPtr xdc_Ptr
```

#### 4.3.1.343 xdc\_runtime\_Main\_Module\_GateProxy\_\_\_ParamsPtr

```
#define xdc_runtime_Main_Module_GateProxy___ParamsPtr xdc_Ptr
```

#### 4.3.1.344 xdc\_runtime\_Memory\_HeapProxy\_\_\_ParamsPtr

```
#define xdc_runtime_Memory_HeapProxy___ParamsPtr xdc_Ptr
```

#### 4.3.1.345 xdc\_runtime\_System\_Module\_GateProxy\_\_\_ParamsPtr

```
#define xdc_runtime_System_Module_GateProxy___ParamsPtr xdc_Ptr
```

### 4.3.2 Typedef Documentation

#### 4.3.2.1 Header

```
typedef union Header Header
```

#### 4.3.2.2 ti\_sysbios\_BIOS\_Module\_State\_\_

```
typedef struct ti_sysbios_BIOS_Module_State__ ti_sysbios_BIOS_Module_State__
```

#### 4.3.2.3 ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_\_

```
typedef struct ti_sysbios_BIOS_RtsGateProxy_Module__ ti_sysbios_BIOS_RtsGateProxy_Module__
```

#### 4.3.2.4 ti\_sysbios\_BIOS\_RtsGateProxy\_Object\_\_

```
typedef ti_sysbios_gates_GateMutex_Object__ ti_sysbios_BIOS_RtsGateProxy_Object__
```

#### 4.3.2.5 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_

```
typedef struct ti_sysbios_family_arm_lm4_Timer_Module__ ti_sysbios_family_arm_lm4_Timer_Module__
```

#### 4.3.2.6 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_State\_\_

```
typedef struct ti_sysbios_family_arm_lm4_Timer_Module_State__ ti_sysbios_family_arm_lm4_Timer_Module_State__
```

#### 4.3.2.7 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_

```
typedef struct ti_sysbios_family_arm_lm4_Timer_Object__ ti_sysbios_family_arm_lm4_Timer_Object__
```

#### 4.3.2.8 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_

```
typedef struct ti_sysbios_family_arm_m3_Hwi_Module__ ti_sysbios_family_arm_m3_Hwi_Module__
```

#### 4.3.2.9 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_\_

```
typedef struct ti_sysbios_family_arm_m3_Hwi_Module_State__ ti_sysbios_family_arm_m3_Hwi_Module_State__
```

#### 4.3.2.10 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_\_

```
typedef struct ti_sysbios_family_arm_m3_Hwi_Object__ ti_sysbios_family_arm_m3_Hwi_Object__
```

#### 4.3.2.11 ti\_sysbios\_gates\_GateHwi\_Module\_\_

```
typedef struct ti_sysbios_gates_GateHwi_Module__ ti_sysbios_gates_GateHwi_Module__
```

#### 4.3.2.12 ti\_sysbios\_gates\_GateHwi\_Object\_\_

```
typedef struct ti_sysbios_gates_GateHwi_Object__ ti_sysbios_gates_GateHwi_Object__
```

#### 4.3.2.13 ti\_sysbios\_gates\_GateMutex\_Module\_\_

```
typedef struct ti_sysbios_gates_GateMutex_Module__ ti_sysbios_gates_GateMutex_Module__
```

#### 4.3.2.14 ti\_sysbios\_gates\_GateMutex\_Object\_\_

```
typedef struct ti_sysbios_gates_GateMutex_Object__ ti_sysbios_gates_GateMutex_Object__
```

#### 4.3.2.15 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Module\_\_

```
typedef struct ti_sysbios_hal_Hwi_HwiProxy_Module__ ti_sysbios_hal_Hwi_HwiProxy_Module__
```

#### 4.3.2.16 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Object\_\_

```
typedef ti_sysbios_family_arm_m3_Hwi_Object__ ti_sysbios_hal_Hwi_HwiProxy_Object__
```

#### 4.3.2.17 ti\_sysbios\_hal\_Hwi\_Module\_\_

```
typedef struct ti_sysbios_hal_Hwi_Module__ ti_sysbios_hal_Hwi_Module__
```

#### 4.3.2.18 ti\_sysbios\_hal\_Hwi\_Object\_\_

```
typedef struct ti_sysbios_hal_Hwi_Object__ ti_sysbios_hal_Hwi_Object__
```

#### 4.3.2.19 ti\_sysbios\_heaps\_HeapMem\_Module\_\_

```
typedef struct ti_sysbios_heaps_HeapMem_Module__ ti_sysbios_heaps_HeapMem_Module__
```

#### 4.3.2.20 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_

```
typedef struct ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__ ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__
```

#### 4.3.2.21 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Object\_\_

```
typedef ti_sysbios_gates_GateMutex_Object__ ti_sysbios_heaps_HeapMem_Module_GateProxy_Object__
```

#### 4.3.2.22 ti\_sysbios\_heaps\_HeapMem\_Object\_\_

```
typedef struct ti_sysbios_heaps_HeapMem_Object__ ti_sysbios_heaps_HeapMem_Object__
```

#### 4.3.2.23 ti\_sysbios\_knl\_Clock\_Module\_\_

```
typedef struct ti_sysbios_knl_Clock_Module__ ti_sysbios_knl_Clock_Module__
```

#### 4.3.2.24 ti\_sysbios\_knl\_Clock\_Module\_State\_\_

```
typedef struct ti_sysbios_knl_Clock_Module_State__ ti_sysbios_knl_Clock_Module_State__
```

#### 4.3.2.25 ti\_sysbios\_knl\_Clock\_Object\_\_

```
typedef struct ti_sysbios_knl_Clock_Object__ ti_sysbios_knl_Clock_Object__
```



**4.3.2.26 ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_**

```
typedef struct ti_sysbios_knl_Clock_TimerProxy_Module__ ti_sysbios_knl_Clock_TimerProxy_Module__
```

**4.3.2.27 ti\_sysbios\_knl\_Clock\_TimerProxy\_Object\_\_**

```
typedef ti_sysbios_family_arm_lm4_Timer_Object__ ti_sysbios_knl_Clock_TimerProxy_Object__
```

**4.3.2.28 ti\_sysbios\_knl\_Queue\_Module\_\_**

```
typedef struct ti_sysbios_knl_Queue_Module__ ti_sysbios_knl_Queue_Module__
```

**4.3.2.29 ti\_sysbios\_knl\_Queue\_Object\_\_**

```
typedef struct ti_sysbios_knl_Queue_Object__ ti_sysbios_knl_Queue_Object__
```

**4.3.2.30 ti\_sysbios\_knl\_Semaphore\_Module\_\_**

```
typedef struct ti_sysbios_knl_Semaphore_Module__ ti_sysbios_knl_Semaphore_Module__
```

**4.3.2.31 ti\_sysbios\_knl\_Semaphore\_Object\_\_**

```
typedef struct ti_sysbios_knl_Semaphore_Object__ ti_sysbios_knl_Semaphore_Object__
```

**4.3.2.32 ti\_sysbios\_knl\_Swi\_Module\_\_**

```
typedef struct ti_sysbios_knl_Swi_Module__ ti_sysbios_knl_Swi_Module__
```

**4.3.2.33 ti\_sysbios\_knl\_Swi\_Module\_State\_\_**

```
typedef struct ti_sysbios_knl_Swi_Module_State__ ti_sysbios_knl_Swi_Module_State__
```

#### 4.3.2.34 ti\_sysbios\_knl\_Swi\_Object\_\_

```
typedef struct ti_sysbios_knl_Swi_Object__ ti_sysbios_knl_Swi_Object__
```

#### 4.3.2.35 ti\_sysbios\_knl\_Task\_Module\_\_

```
typedef struct ti_sysbios_knl_Task_Module__ ti_sysbios_knl_Task_Module__
```

#### 4.3.2.36 ti\_sysbios\_knl\_Task\_Module\_State\_\_

```
typedef struct ti_sysbios_knl_Task_Module_State__ ti_sysbios_knl_Task_Module_State__
```

#### 4.3.2.37 ti\_sysbios\_knl\_Task\_Object\_\_

```
typedef struct ti_sysbios_knl_Task_Object__ ti_sysbios_knl_Task_Object__
```

#### 4.3.2.38 xdc\_runtime\_Error\_Module\_State\_\_

```
typedef struct xdc_runtime_Error_Module_State__ xdc_runtime_Error_Module_State__
```

#### 4.3.2.39 xdc\_runtime\_Main\_Module\_GateProxy\_Module\_\_

```
typedef struct xdc_runtime_Main_Module_GateProxy_Module__ xdc_runtime_Main_Module_GateProxy_Module__
```

#### 4.3.2.40 xdc\_runtime\_Main\_Module\_GateProxy\_Object\_\_

```
typedef ti_sysbios_gates_GateHwi_Object__ xdc_runtime_Main_Module_GateProxy_Object__
```

#### 4.3.2.41 xdc\_runtime\_Memory\_HeapProxy\_Module\_\_

```
typedef struct xdc_runtime_Memory_HeapProxy_Module__ xdc_runtime_Memory_HeapProxy_Module__
```

**4.3.2.42 xdc\_runtime\_Memory\_HeapProxy\_Object\_\_**

```
typedef ti_sysbios_heaps_HeapMem_Object__ xdc_runtime_Memory_HeapProxy_Object__
```

**4.3.2.43 xdc\_runtime\_Memory\_Module\_State\_\_**

```
typedef struct xdc_runtime_Memory_Module_State__ xdc_runtime_Memory_Module_State__
```

**4.3.2.44 xdc\_runtime\_Registry\_Module\_State\_\_**

```
typedef struct xdc_runtime_Registry_Module_State__ xdc_runtime_Registry_Module_State__
```

**4.3.2.45 xdc\_runtime\_Startup\_Module\_State\_\_**

```
typedef struct xdc_runtime_Startup_Module_State__ xdc_runtime_Startup_Module_State__
```

**4.3.2.46 xdc\_runtime\_SysMin\_Module\_State\_\_**

```
typedef struct xdc_runtime_SysMin_Module_State__ xdc_runtime_SysMin_Module_State__
```

**4.3.2.47 xdc\_runtime\_System\_Module\_GateProxy\_Module\_\_**

```
typedef struct xdc_runtime_System_Module_GateProxy_Module__ xdc_runtime_System_Module_GateProxy_Module__
```

**4.3.2.48 xdc\_runtime\_System\_Module\_GateProxy\_Object\_\_**

```
typedef ti_sysbios_gates_GateHwi_Object__ xdc_runtime_System_Module_GateProxy_Object__
```

**4.3.2.49 xdc\_runtime\_System\_Module\_State\_\_**

```
typedef struct xdc_runtime_System_Module_State__ xdc_runtime_System_Module_State__
```

#### 4.3.2.50 xdc\_runtime\_Text\_Module\_State\_\_

```
typedef struct xdc_runtime_Text_Module_State__ xdc_runtime_Text_Module_State__
```

### 4.3.3 Function Documentation

#### 4.3.3.1 \_\_xdc\_\_init()

```
int __xdc__init (
    void )
```

#### 4.3.3.2 \_c\_int00()

```
Void _c_int00 ( )
```

#### 4.3.3.3 calloc()

```
Void ATTRIBUTE * calloc (
    SizeT nmemb,
    SizeT size )
```

#### 4.3.3.4 free()

```
Void ATTRIBUTE free (
    Void * ptr )
```

#### 4.3.3.5 malloc()

```
Void ATTRIBUTE * malloc (
    SizeT size )
```

#### 4.3.3.6 memalign()

```
Void ATTRIBUTE * memalign (
    SizeT alignment,
    SizeT size )
```

#### 4.3.3.7 realloc()

```
Void ATTRIBUTE * realloc (
    Void * ptr,
    SizeT size )
```

#### 4.3.3.8 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_init()

```
xdc_Void ti_catalog_arm_cortexm4_tiva_ce_Boot_init ( )
```

#### 4.3.3.9 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_startupDone\_\_S()

```
xdc_Bool ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__startupDone__S (
    void )
```

#### 4.3.3.10 ti\_sysbios\_BIOS\_atExitFunc\_\_I()

```
Void ti_sysbios_BIOS_atExitFunc__I (
    Int notused )
```

#### 4.3.3.11 ti\_sysbios\_BIOS\_errorRaiseHook()

```
Void ti_sysbios_BIOS_errorRaiseHook (
    xdc_runtime_Error_Block * eb )
```

#### 4.3.3.12 ti\_sysbios\_BIOS\_exitFunc() [1/2]

```
Void ti_sysbios_BIOS_exitFunc (
    Int stat )
```

**4.3.3.13 ti\_sysbios\_BIOS\_exitFunc() [2/2]**

```
xdc_Void ti_sysbios_BIOS_exitFunc (
    xdc_Int )
```

**4.3.3.14 ti\_sysbios\_BIOS\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_BIOS_Module__startupDone__S (
    void )
```

**4.3.3.15 ti\_sysbios\_BIOS\_nullFunc\_\_I()**

```
Void ti_sysbios_BIOS_nullFunc__I ( )
```

**4.3.3.16 ti\_sysbios\_BIOS\_registerRTSLock() [1/2]**

```
Void ti_sysbios_BIOS_registerRTSLock ( )
```

**4.3.3.17 ti\_sysbios\_BIOS\_registerRTSLock() [2/2]**

```
Void ti_sysbios_BIOS_registerRTSLock (
    Void )
```

**4.3.3.18 ti\_sysbios\_BIOS\_removeRTSLock()**

```
Void ti_sysbios_BIOS_removeRTSLock (
    Void )
```

**4.3.3.19 ti\_sysbios\_BIOS\_RtsGateProxy\_create()**

```
ti_sysbios_BIOS_RtsGateProxy_Handle ti_sysbios_BIOS_RtsGateProxy_create (
    const ti_sysbios_BIOS_RtsGateProxy_Params * __prms,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.20 ti\_sysbios\_BIOS\_RtsGateProxy\_delete()

```
void ti_sysbios_BIOS_RtsGateProxy_delete (
    ti_sysbios_BIOS_RtsGateProxy_Handle * instp )
```

#### 4.3.3.21 ti\_sysbios\_BIOS\_RtsGateProxy\_enter\_\_E()

```
xdc_IArg ti_sysbios_BIOS_RtsGateProxy_enter__E (
    ti_sysbios_BIOS_RtsGateProxy_Handle __inst )
```

#### 4.3.3.22 ti\_sysbios\_BIOS\_RtsGateProxy\_Handle\_\_label\_\_S()

```
xdc_runtime_Types_Label * ti_sysbios_BIOS_RtsGateProxy_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

#### 4.3.3.23 ti\_sysbios\_BIOS\_RtsGateProxy\_leave\_\_E()

```
xdc_Void ti_sysbios_BIOS_RtsGateProxy_leave__E (
    ti_sysbios_BIOS_RtsGateProxy_Handle __inst,
    xdc_IArg key )
```

#### 4.3.3.24 ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_\_startupDone\_\_S()

```
xdc_Bool ti_sysbios_BIOS_RtsGateProxy_Module__startupDone__S (
    void )
```

#### 4.3.3.25 ti\_sysbios\_BIOS\_RtsGateProxy\_Object\_\_create\_\_S()

```
xdc_Ptr ti_sysbios_BIOS_RtsGateProxy_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_BIOS_RtsGateProxy__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.26 ti\_sysbios\_BIOS\_RtsGateProxy\_Object\_\_delete\_\_S()**

```
void ti_sysbios_BIOS_RtsGateProxy_Object__delete__S (
    xdc_Ptr instp )
```

**4.3.3.27 ti\_sysbios\_BIOS\_RtsGateProxy\_Params\_\_init\_\_S()**

```
void ti_sysbios_BIOS_RtsGateProxy_Params__init__S (
    xdc_Ptr dst,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.28 ti\_sysbios\_BIOS\_RtsGateProxy\_Proxy\_\_abstract\_\_S()**

```
xdc_Bool ti_sysbios_BIOS_RtsGateProxy_Proxy__abstract__S (
    void )
```

**4.3.3.29 ti\_sysbios\_BIOS\_RtsGateProxy\_Proxy\_\_delegate\_\_S()**

```
xdc_Ptr ti_sysbios_BIOS_RtsGateProxy_Proxy__delegate__S (
    void )
```

**4.3.3.30 ti\_sysbios\_BIOS\_RtsGateProxy\_query\_\_E()**

```
xdc_Bool ti_sysbios_BIOS_RtsGateProxy_query__E (
    xdc_Int qual )
```

**4.3.3.31 ti\_sysbios\_BIOS\_rtsLock()**

```
Void ti_sysbios_BIOS_rtsLock ( )
```

**4.3.3.32 ti\_sysbios\_BIOS\_rtsUnlock()**

```
Void ti_sysbios_BIOS_rtsUnlock ( )
```



#### 4.3.3.33 ti\_sysbios\_BIOS\_startFunc()

```
xdc_Void ti_sysbios_BIOS_startFunc (
    xdc_Void )
```

#### 4.3.3.34 ti\_sysbios\_BIOS\_startFunc\_\_I()

```
Void ti_sysbios_BIOS_startFunc__I ( )
```

#### 4.3.3.35 ti\_sysbios\_family\_arm\_lm4\_Timer\_construct()

```
void ti_sysbios_family_arm_lm4_Timer_construct (
    ti_sysbios_family_arm_lm4_Timer_Struct * __obj,
    xdc_Int id,
    ti_sysbios_interfaces_ITimer_FuncPtr tickFxn,
    const ti_sysbios_family_arm_lm4_Timer_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.36 ti\_sysbios\_family\_arm\_lm4\_Timer\_create()

```
ti_sysbios_family_arm_lm4_Timer_Handle ti_sysbios_family_arm_lm4_Timer_create (
    xdc_Int id,
    ti_sysbios_interfaces_ITimer_FuncPtr tickFxn,
    const ti_sysbios_family_arm_lm4_Timer_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.37 ti\_sysbios\_family\_arm\_lm4\_Timer\_delete()

```
void ti_sysbios_family_arm_lm4_Timer_delete (
    ti_sysbios_family_arm_lm4_Timer_Handle * instp )
```

#### 4.3.3.38 ti\_sysbios\_family\_arm\_lm4\_Timer\_destruct()

```
void ti_sysbios_family_arm_lm4_Timer_destruct (
    ti_sysbios_family_arm_lm4_Timer_Struct * obj )
```

#### 4.3.3.39 ti\_sysbios\_family\_arm\_lm4\_Timer\_disableTiva()

```
xdc_Void ti_sysbios_family_arm_lm4_Timer_disableTiva (
    xdc_Int )
```

#### 4.3.3.40 ti\_sysbios\_family\_arm\_lm4\_Timer\_enableTiva()

```
xdc_Void ti_sysbios_family_arm_lm4_Timer_enableTiva (
    xdc_Int )
```

#### 4.3.3.41 ti\_sysbios\_family\_arm\_lm4\_Timer\_Handle\_\_label\_\_S()

```
xdc_runtime_Types_Label * ti_sysbios_family_arm_lm4_Timer_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

#### 4.3.3.42 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_startupDone\_\_F()

```
xdc_Bool ti_sysbios_family_arm_lm4_Timer_Module__startupDone__F (
    void )
```

#### 4.3.3.43 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_startupDone\_\_S()

```
xdc_Bool ti_sysbios_family_arm_lm4_Timer_Module__startupDone__S (
    void )
```

#### 4.3.3.44 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_startup\_\_E()

```
xdc_Int ti_sysbios_family_arm_lm4_Timer_Module_startup__E (
    xdc_Int )
```

**4.3.3.45 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_create\_\_S()**

```
xdc_Ptr ti_sysbios_family_arm_lm4_Timer_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_family_arm_lm4_Timer__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.46 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_delete\_\_S()**

```
xdc_Void ti_sysbios_family_arm_lm4_Timer_Object__delete__S (
    xdc_Ptr instp )
```

**4.3.3.47 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_destruct\_\_S()**

```
xdc_Void ti_sysbios_family_arm_lm4_Timer_Object__destruct__S (
    xdc_Ptr obj )
```

**4.3.3.48 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_first\_\_S()**

```
xdc_Ptr ti_sysbios_family_arm_lm4_Timer_Object__first__S (
    void )
```

**4.3.3.49 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_get\_\_S()**

```
xdc_Ptr ti_sysbios_family_arm_lm4_Timer_Object__get__S (
    xdc_Ptr oa,
    xdc_Int i )
```

**4.3.3.50 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_next\_\_S()**

```
xdc_Ptr ti_sysbios_family_arm_lm4_Timer_Object__next__S (
    xdc_Ptr obj )
```

#### 4.3.3.51 ti\_sysbios\_family\_arm\_lm4\_Timer\_Params\_\_init\_\_S()

```
xdc_Void ti_sysbios_family_arm_lm4_Timer_Params__init__S (
    xdc_Ptr prms,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

#### 4.3.3.52 ti\_sysbios\_family\_arm\_lm4\_Timer\_startup\_\_E()

```
Void ti_sysbios_family_arm_lm4_Timer_startup__E ( )
```

#### 4.3.3.53 ti\_sysbios\_family\_arm\_m3\_Hwi\_construct()

```
void ti_sysbios_family_arm_m3_Hwi_construct (
    ti_sysbios_family_arm_m3_Hwi_Struct * __obj,
    xdc_Int intNum,
    ti_sysbios_interfaces_IHwi_FuncPtr hwiFxn,
    const ti_sysbios_family_arm_m3_Hwi_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.54 ti\_sysbios\_family\_arm\_m3\_Hwi\_create()

```
ti_sysbios_family_arm_m3_Hwi_Handle ti_sysbios_family_arm_m3_Hwi_create (
    xdc_Int intNum,
    ti_sysbios_interfaces_IHwi_FuncPtr hwiFxn,
    const ti_sysbios_family_arm_m3_Hwi_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.55 ti\_sysbios\_family\_arm\_m3\_Hwi\_delete()

```
void ti_sysbios_family_arm_m3_Hwi_delete (
    ti_sysbios_family_arm_m3_Hwi_Handle * instp )
```

#### 4.3.3.56 ti\_sysbios\_family\_arm\_m3\_Hwi\_destruct()

```
void ti_sysbios_family_arm_m3_Hwi_destruct (
    ti_sysbios_family_arm_m3_Hwi_Struct * obj )
```

**4.3.3.57 ti\_sysbios\_family\_arm\_m3\_Hwi\_excHandlerAsm\_\_I()**

```
Void ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I ( )
```

**4.3.3.58 ti\_sysbios\_family\_arm\_m3\_Hwi\_Handle\_\_label\_\_S()**

```
xdc_runtime_Types_Label * ti_sysbios_family_arm_m3_Hwi_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

**4.3.3.59 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_startupDone\_\_F()**

```
xdc_Bool ti_sysbios_family_arm_m3_Hwi_Module__startupDone__F (
    void )
```

**4.3.3.60 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_family_arm_m3_Hwi_Module__startupDone__S (
    void )
```

**4.3.3.61 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_startup\_\_E()**

```
xdc_Int ti_sysbios_family_arm_m3_Hwi_Module_startup__E (
    xdc_Int )
```

**4.3.3.62 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_\_create\_\_S()**

```
xdc_Ptr ti_sysbios_family_arm_m3_Hwi_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_family_arm_m3_Hwi__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.63 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_\_delete\_\_S()

```
xdc_Void ti_sysbios_family_arm_m3_Hwi_Object__delete__S (
    xdc_Ptr instp )
```

#### 4.3.3.64 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_\_destruct\_\_S()

```
xdc_Void ti_sysbios_family_arm_m3_Hwi_Object__destruct__S (
    xdc_Ptr obj )
```

#### 4.3.3.65 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_\_first\_\_S()

```
xdc_Ptr ti_sysbios_family_arm_m3_Hwi_Object__first__S (
    void )
```

#### 4.3.3.66 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_\_get\_\_S()

```
xdc_Ptr ti_sysbios_family_arm_m3_Hwi_Object__get__S (
    xdc_Ptr oa,
    xdc_Int i )
```

#### 4.3.3.67 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_\_next\_\_S()

```
xdc_Ptr ti_sysbios_family_arm_m3_Hwi_Object__next__S (
    xdc_Ptr obj )
```

#### 4.3.3.68 ti\_sysbios\_family\_arm\_m3\_Hwi\_Params\_\_init\_\_S()

```
xdc_Void ti_sysbios_family_arm_m3_Hwi_Params__init__S (
    xdc_Ptr prms,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.69 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__startupDone__S (
    void )
```

**4.3.3.70 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_family_arm_m3_TaskSupport_Module__startupDone__S (
    void )
```

**4.3.3.71 ti\_sysbios\_gates\_GateHwi\_construct()**

```
void ti_sysbios_gates_GateHwi_construct (
    ti_sysbios_gates_GateHwi_Struct * __obj,
    const ti_sysbios_gates_GateHwi_Params * __paramsPtr )
```

**4.3.3.72 ti\_sysbios\_gates\_GateHwi\_create()**

```
ti_sysbios_gates_GateHwi_Handle ti_sysbios_gates_GateHwi_create (
    const ti_sysbios_gates_GateHwi_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.73 ti\_sysbios\_gates\_GateHwi\_delete()**

```
void ti_sysbios_gates_GateHwi_delete (
    ti_sysbios_gates_GateHwi_Handle * instp )
```

**4.3.3.74 ti\_sysbios\_gates\_GateHwi\_destruct()**

```
void ti_sysbios_gates_GateHwi_destruct (
    ti_sysbios_gates_GateHwi_Struct * obj )
```

#### 4.3.3.75 ti\_sysbios\_gates\_GateHwi\_Handle\_\_label\_\_S()

```
xdc_runtime_Label * ti_sysbios_gates_GateHwi_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Label * lab )
```

#### 4.3.3.76 ti\_sysbios\_gates\_GateHwi\_Module\_\_startupDone\_\_S()

```
xdc_Bool ti_sysbios_gates_GateHwi_Module__startupDone__S (
    void )
```

#### 4.3.3.77 ti\_sysbios\_gates\_GateHwi\_Object\_\_create\_\_S()

```
xdc_Ptr ti_sysbios_gates_GateHwi_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_gates_GateHwi__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.78 ti\_sysbios\_gates\_GateHwi\_Object\_\_delete\_\_S()

```
xdc_Void ti_sysbios_gates_GateHwi_Object__delete__S (
    xdc_Ptr instp )
```

#### 4.3.3.79 ti\_sysbios\_gates\_GateHwi\_Object\_\_destruct\_\_S()

```
xdc_Void ti_sysbios_gates_GateHwi_Object__destruct__S (
    xdc_Ptr obj )
```

#### 4.3.3.80 ti\_sysbios\_gates\_GateHwi\_Object\_\_first\_\_S()

```
xdc_Ptr ti_sysbios_gates_GateHwi_Object__first__S (
    void )
```



**4.3.3.81 ti\_sysbios\_gates\_GateHwi\_Object\_\_get\_\_S()**

```
xdc_Ptr ti_sysbios_gates_GateHwi_Object__get__S (
    xdc_Ptr oa,
    xdc_Int i )
```

**4.3.3.82 ti\_sysbios\_gates\_GateHwi\_Object\_\_next\_\_S()**

```
xdc_Ptr ti_sysbios_gates_GateHwi_Object__next__S (
    xdc_Ptr obj )
```

**4.3.3.83 ti\_sysbios\_gates\_GateHwi\_Params\_\_init\_\_S()**

```
xdc_Void ti_sysbios_gates_GateHwi_Params__init__S (
    xdc_Ptr prms,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.84 ti\_sysbios\_gates\_GateMutex\_construct()**

```
void ti_sysbios_gates_GateMutex_construct (
    ti_sysbios_gates_GateMutex_Struct * __obj,
    const ti_sysbios_gates_GateMutex_Params * __paramsPtr )
```

**4.3.3.85 ti\_sysbios\_gates\_GateMutex\_create()**

```
ti_sysbios_gates_GateMutex_Handle ti_sysbios_gates_GateMutex_create (
    const ti_sysbios_gates_GateMutex_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.86 ti\_sysbios\_gates\_GateMutex\_delete()**

```
void ti_sysbios_gates_GateMutex_delete (
    ti_sysbios_gates_GateMutex_Handle * instp )
```

#### 4.3.3.87 ti\_sysbios\_gates\_GateMutex\_destruct()

```
void ti_sysbios_gates_GateMutex_destruct (
    ti_sysbios_gates_GateMutex_Struct * obj )
```

#### 4.3.3.88 ti\_sysbios\_gates\_GateMutex\_Handle\_\_label\_\_S()

```
xdc_runtime_Types_Label * ti_sysbios_gates_GateMutex_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

#### 4.3.3.89 ti\_sysbios\_gates\_GateMutex\_Module\_\_startupDone\_\_S()

```
xdc_Bool ti_sysbios_gates_GateMutex_Module__startupDone__S (
    void )
```

#### 4.3.3.90 ti\_sysbios\_gates\_GateMutex\_Object\_\_create\_\_S()

```
xdc_Ptr ti_sysbios_gates_GateMutex_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_gates_GateMutex__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.91 ti\_sysbios\_gates\_GateMutex\_Object\_\_delete\_\_S()

```
xdc_Void ti_sysbios_gates_GateMutex_Object__delete__S (
    xdc_Ptr instp )
```

#### 4.3.3.92 ti\_sysbios\_gates\_GateMutex\_Object\_\_destruct\_\_S()

```
xdc_Void ti_sysbios_gates_GateMutex_Object__destruct__S (
    xdc_Ptr obj )
```

**4.3.3.93 ti\_sysbios\_gates\_GateMutex\_Object\_\_first\_\_S()**

```
xdc_Ptr ti_sysbios_gates_GateMutex_Object__first__S (
    void )
```

**4.3.3.94 ti\_sysbios\_gates\_GateMutex\_Object\_\_get\_\_S()**

```
xdc_Ptr ti_sysbios_gates_GateMutex_Object__get__S (
    xdc_Ptr oa,
    xdc_Int i )
```

**4.3.3.95 ti\_sysbios\_gates\_GateMutex\_Object\_\_next\_\_S()**

```
xdc_Ptr ti_sysbios_gates_GateMutex_Object__next__S (
    xdc_Ptr obj )
```

**4.3.3.96 ti\_sysbios\_gates\_GateMutex\_Params\_\_init\_\_S()**

```
xdc_Void ti_sysbios_gates_GateMutex_Params__init__S (
    xdc_Ptr prms,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.97 ti\_sysbios\_hal\_Hwi\_checkStack()**

```
xdc_Void ti_sysbios_hal_Hwi_checkStack (
    xdc_Void )
```

**4.3.3.98 ti\_sysbios\_hal\_Hwi\_construct()**

```
void ti_sysbios_hal_Hwi_construct (
    ti_sysbios_hal_Hwi_Struct * __obj,
    xdc_Int intNum,
    ti_sysbios_hal_Hwi_FuncPtr hwiFxn,
    const ti_sysbios_hal_Hwi_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.99 ti\_sysbios\_hal\_Hwi\_create()

```
ti_sysbios_hal_Hwi_Handle ti_sysbios_hal_Hwi_create (
    xdc_Int intNum,
    ti_sysbios_hal_Hwi_FuncPtr hwiFxn,
    const ti_sysbios_hal_Hwi_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.100 ti\_sysbios\_hal\_Hwi\_delete()

```
void ti_sysbios_hal_Hwi_delete (
    ti_sysbios_hal_Hwi_Handle * instp )
```

#### 4.3.3.101 ti\_sysbios\_hal\_Hwi\_destruct()

```
void ti_sysbios_hal_Hwi_destruct (
    ti_sysbios_hal_Hwi_Struct * obj )
```

#### 4.3.3.102 ti\_sysbios\_hal\_Hwi\_Handle\_\_label\_\_S()

```
xdc_runtime_Types_Label * ti_sysbios_hal_Hwi_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

#### 4.3.3.103 ti\_sysbios\_hal\_Hwi\_HwiProxy\_clearInterrupt\_\_E()

```
xdc_Void ti_sysbios_hal_Hwi_HwiProxy_clearInterrupt__E (
    xdc_UInt intNum )
```

#### 4.3.3.104 ti\_sysbios\_hal\_Hwi\_HwiProxy\_create()

```
ti_sysbios_hal_Hwi_HwiProxy_Handle ti_sysbios_hal_Hwi_HwiProxy_create (
    xdc_Int intNum,
    ti_sysbios_interfaces_IHwi_FuncPtr hwiFxn,
    const ti_sysbios_hal_Hwi_HwiProxy_Params * __prms,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.105 ti\_sysbios\_hal\_Hwi\_HwiProxy\_delete()**

```
void ti_sysbios_hal_Hwi_HwiProxy_delete (
    ti_sysbios_hal_Hwi_HwiProxy_Handle * instp )
```

**4.3.3.106 ti\_sysbios\_hal\_Hwi\_HwiProxy\_disable\_\_E()**

```
xdc_UInt ti_sysbios_hal_Hwi_HwiProxy_disable__E (
    void )
```

**4.3.3.107 ti\_sysbios\_hal\_Hwi\_HwiProxy\_disableInterrupt\_\_E()**

```
xdc_UInt ti_sysbios_hal_Hwi_HwiProxy_disableInterrupt__E (
    xdc_UInt intNum )
```

**4.3.3.108 ti\_sysbios\_hal\_Hwi\_HwiProxy\_enable\_\_E()**

```
xdc_UInt ti_sysbios_hal_Hwi_HwiProxy_enable__E (
    void )
```

**4.3.3.109 ti\_sysbios\_hal\_Hwi\_HwiProxy\_enableInterrupt\_\_E()**

```
xdc_UInt ti_sysbios_hal_Hwi_HwiProxy_enableInterrupt__E (
    xdc_UInt intNum )
```

**4.3.3.110 ti\_sysbios\_hal\_Hwi\_HwiProxy\_getCoreStackInfo\_\_E()**

```
xdc_Bool ti_sysbios_hal_Hwi_HwiProxy_getCoreStackInfo__E (
    ti_sysbios_interfaces_IHwi_StackInfo * stkInfo,
    xdc_Bool computeStackDepth,
    xdc_UInt coreId )
```

**4.3.3.111 ti\_sysbios\_hal\_Hwi\_HwiProxy\_getFunc\_\_E()**

```
ti_sysbios_interfaces_IHwi_FuncPtr ti_sysbios_hal_Hwi_HwiProxy_getFunc__E (
    ti_sysbios_hal_Hwi_HwiProxy_Handle __inst,
    xdc_UArg * arg )
```

**4.3.3.112 ti\_sysbios\_hal\_Hwi\_HwiProxy\_getHookContext\_\_E()**

```
xdc_Ptr ti_sysbios_hal_Hwi_HwiProxy_getHookContext__E (
    ti_sysbios_hal_Hwi_HwiProxy_Handle __inst,
    xdc_Int id )
```

**4.3.3.113 ti\_sysbios\_hal\_Hwi\_HwiProxy\_getIrp\_\_E()**

```
ti_sysbios_interfaces_IHwi_Irp ti_sysbios_hal_Hwi_HwiProxy_getIrp__E (
    ti_sysbios_hal_Hwi_HwiProxy_Handle __inst )
```

**4.3.3.114 ti\_sysbios\_hal\_Hwi\_HwiProxy\_getStackInfo\_\_E()**

```
xdc_Bool ti_sysbios_hal_Hwi_HwiProxy_getStackInfo__E (
    ti_sysbios_interfaces_IHwi_StackInfo * stkInfo,
    xdc_Bool computeStackDepth )
```

**4.3.3.115 ti\_sysbios\_hal\_Hwi\_HwiProxy\_getTaskSP\_\_E()**

```
xdc_Char * ti_sysbios_hal_Hwi_HwiProxy_getTaskSP__E (
    void )
```

**4.3.3.116 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Handle\_\_label\_\_S()**

```
xdc_runtime_Types_Label * ti_sysbios_hal_Hwi_HwiProxy_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

**4.3.3.117 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_hal_Hwi_HwiProxy_Module__startupDone__S (
    void )
```

**4.3.3.118 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Object\_\_create\_\_S()**

```
xdc_Ptr ti_sysbios_hal_Hwi_HwiProxy_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_hal_Hwi_HwiProxy__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.119 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Object\_\_delete\_\_S()**

```
void ti_sysbios_hal_Hwi_HwiProxy_Object__delete__S (
    xdc_Ptr instp )
```

**4.3.3.120 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Params\_\_init\_\_S()**

```
void ti_sysbios_hal_Hwi_HwiProxy_Params__init__S (
    xdc_Ptr dst,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.121 ti\_sysbios\_hal\_Hwi\_HwiProxy\_post\_\_E()**

```
xdc_Void ti_sysbios_hal_Hwi_HwiProxy_post__E (
    xdc_UInt intNum )
```

**4.3.3.122 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Proxy\_\_abstract\_\_S()**

```
xdc_Bool ti_sysbios_hal_Hwi_HwiProxy_Proxy__abstract__S (
    void )
```

**4.3.3.123 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Proxy\_\_delegate\_\_S()**

```
xdc_Ptr ti_sysbios_hal_Hwi_HwiProxy_Proxy__delegate__S (
    void )
```

**4.3.3.124 ti\_sysbios\_hal\_Hwi\_HwiProxy\_restore\_\_E()**

```
xdc_Void ti_sysbios_hal_Hwi_HwiProxy_restore__E (
    xdc_UInt key )
```

**4.3.3.125 ti\_sysbios\_hal\_Hwi\_HwiProxy\_restoreInterrupt\_\_E()**

```
xdc_Void ti_sysbios_hal_Hwi_HwiProxy_restoreInterrupt__E (
    xdc_UInt intNum,
    xdc_UInt key )
```

**4.3.3.126 ti\_sysbios\_hal\_Hwi\_HwiProxy\_setFunc\_\_E()**

```
xdc_Void ti_sysbios_hal_Hwi_HwiProxy_setFunc__E (
    ti_sysbios_hal_Hwi_HwiProxy_Handle __inst,
    ti_sysbios_interfaces_IHwi_FuncPtr fxn,
    xdc_UArg arg )
```

**4.3.3.127 ti\_sysbios\_hal\_Hwi\_HwiProxy\_setHookContext\_\_E()**

```
xdc_Void ti_sysbios_hal_Hwi_HwiProxy_setHookContext__E (
    ti_sysbios_hal_Hwi_HwiProxy_Handle __inst,
    xdc_Int id,
    xdc_Ptr hookContext )
```

**4.3.3.128 ti\_sysbios\_hal\_Hwi\_HwiProxy\_startup\_\_E()**

```
xdc_Void ti_sysbios_hal_Hwi_HwiProxy_startup__E (
    void )
```



**4.3.3.129 ti\_sysbios\_hal\_Hwi\_HwiProxy\_switchFromBootStack\_\_E()**

```
xdc_Void ti_sysbios_hal_Hwi_HwiProxy_switchFromBootStack__E (
    void )
```

**4.3.3.130 ti\_sysbios\_hal\_Hwi\_initStack()**

```
xdc_Void ti_sysbios_hal_Hwi_initStack (
    xdc_Void )
```

**4.3.3.131 ti\_sysbios\_hal\_Hwi\_Module\_\_startupDone\_\_F()**

```
xdc_Bool ti_sysbios_hal_Hwi_Module__startupDone__F (
    void )
```

**4.3.3.132 ti\_sysbios\_hal\_Hwi\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_hal_Hwi_Module__startupDone__S (
    void )
```

**4.3.3.133 ti\_sysbios\_hal\_Hwi\_Module\_startup\_\_E()**

```
xdc_Int ti_sysbios_hal_Hwi_Module_startup__E (
    xdc_Int )
```

**4.3.3.134 ti\_sysbios\_hal\_Hwi\_Object\_\_create\_\_S()**

```
xdc_Ptr ti_sysbios_hal_Hwi_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_hal_Hwi__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.135 ti\_sysbios\_hal\_Hwi\_Object\_\_delete\_\_S()**

```
xdc_Void ti_sysbios_hal_Hwi_Object__delete__S (
    xdc_Ptr instp )
```

**4.3.3.136 ti\_sysbios\_hal\_Hwi\_Object\_\_destruct\_\_S()**

```
xdc_Void ti_sysbios_hal_Hwi_Object__destruct__S (
    xdc_Ptr obj )
```

**4.3.3.137 ti\_sysbios\_hal\_Hwi\_Object\_\_first\_\_S()**

```
xdc_Ptr ti_sysbios_hal_Hwi_Object__first__S (
    void )
```

**4.3.3.138 ti\_sysbios\_hal\_Hwi\_Object\_\_get\_\_S()**

```
xdc_Ptr ti_sysbios_hal_Hwi_Object__get__S (
    xdc_Ptr oa,
    xdc_Int i )
```

**4.3.3.139 ti\_sysbios\_hal\_Hwi\_Object\_\_next\_\_S()**

```
xdc_Ptr ti_sysbios_hal_Hwi_Object__next__S (
    xdc_Ptr obj )
```

**4.3.3.140 ti\_sysbios\_hal\_Hwi\_Params\_\_init\_\_S()**

```
xdc_Void ti_sysbios_hal_Hwi_Params__init__S (
    xdc_Ptr prms,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.141 ti\_sysbios\_heaps\_HeapMem\_construct()**

```
void ti_sysbios_heaps_HeapMem_construct (
    ti_sysbios_heaps_HeapMem_Struct * __obj,
    const ti_sysbios_heaps_HeapMem_Params * __paramsPtr )
```

**4.3.3.142 ti\_sysbios\_heaps\_HeapMem\_create()**

```
ti_sysbios_heaps_HeapMem_Handle ti_sysbios_heaps_HeapMem_create (
    const ti_sysbios_heaps_HeapMem_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.143 ti\_sysbios\_heaps\_HeapMem\_delete()**

```
void ti_sysbios_heaps_HeapMem_delete (
    ti_sysbios_heaps_HeapMem_Handle * instp )
```

**4.3.3.144 ti\_sysbios\_heaps\_HeapMem\_destruct()**

```
void ti_sysbios_heaps_HeapMem_destruct (
    ti_sysbios_heaps_HeapMem_Struct * obj )
```

**4.3.3.145 ti\_sysbios\_heaps\_HeapMem\_Handle\_\_label\_\_S()**

```
xdc_runtime_Types_Label * ti_sysbios_heaps_HeapMem_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

**4.3.3.146 ti\_sysbios\_heaps\_HeapMem\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_heaps_HeapMem_Module__startupDone__S (
    void )
```

**4.3.3.147 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_create()**

```
ti_sysbios_heaps_HeapMem_Module_GateProxy_Handle ti_sysbios_heaps_HeapMem_Module_GateProxy_create (
    const ti_sysbios_heaps_HeapMem_Module_GateProxy_Params * __prms,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.148 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_delete()**

```
void ti_sysbios_heaps_HeapMem_Module_GateProxy_delete (
    ti_sysbios_heaps_HeapMem_Module_GateProxy_Handle * instp )
```

**4.3.3.149 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_enter\_\_E()**

```
xdc_IArg ti_sysbios_heaps_HeapMem_Module_GateProxy_enter__E (
    ti_sysbios_heaps_HeapMem_Module_GateProxy_Handle __inst )
```

**4.3.3.150 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Handle\_\_label\_\_S()**

```
xdc_runtime_Types_Label * ti_sysbios_heaps_HeapMem_Module_GateProxy_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

**4.3.3.151 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_leave\_\_E()**

```
xdc_Void ti_sysbios_heaps_HeapMem_Module_GateProxy_leave__E (
    ti_sysbios_heaps_HeapMem_Module_GateProxy_Handle __inst,
    xdc_IArg key )
```

**4.3.3.152 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__startupDone__S (
    void )
```

**4.3.3.153 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Object\_\_create\_\_S()**

```
xdc_Ptr ti_sysbios_heaps_HeapMem_Module_GateProxy_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_heaps_HeapMem_Module_GateProxy__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.154 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Object\_\_delete\_\_S()**

```
void ti_sysbios_heaps_HeapMem_Module_GateProxy_Object__delete__S (
    xdc_Ptr instp )
```

**4.3.3.155 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Params\_\_init\_\_S()**

```
void ti_sysbios_heaps_HeapMem_Module_GateProxy_Params__init__S (
    xdc_Ptr dst,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.156 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Proxy\_\_abstract\_\_S()**

```
xdc_Bool ti_sysbios_heaps_HeapMem_Module_GateProxy_Proxy__abstract__S (
    void )
```

**4.3.3.157 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Proxy\_\_delegate\_\_S()**

```
xdc_Ptr ti_sysbios_heaps_HeapMem_Module_GateProxy_Proxy__delegate__S (
    void )
```

**4.3.3.158 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_query\_\_E()**

```
xdc_Bool ti_sysbios_heaps_HeapMem_Module_GateProxy_query__E (
    xdc_Int qual )
```

#### 4.3.3.159 ti\_sysbios\_heaps\_HeapMem\_Object\_\_create\_\_S()

```
xdc_Ptr ti_sysbios_heaps_HeapMem_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_heaps_HeapMem__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.160 ti\_sysbios\_heaps\_HeapMem\_Object\_\_delete\_\_S()

```
xdc_Void ti_sysbios_heaps_HeapMem_Object__delete__S (
    xdc_Ptr instp )
```

#### 4.3.3.161 ti\_sysbios\_heaps\_HeapMem\_Object\_\_destruct\_\_S()

```
xdc_Void ti_sysbios_heaps_HeapMem_Object__destruct__S (
    xdc_Ptr obj )
```

#### 4.3.3.162 ti\_sysbios\_heaps\_HeapMem\_Object\_\_first\_\_S()

```
xdc_Ptr ti_sysbios_heaps_HeapMem_Object__first__S (
    void )
```

#### 4.3.3.163 ti\_sysbios\_heaps\_HeapMem\_Object\_\_get\_\_S()

```
xdc_Ptr ti_sysbios_heaps_HeapMem_Object__get__S (
    xdc_Ptr oa,
    xdc_Int i )
```

#### 4.3.3.164 ti\_sysbios\_heaps\_HeapMem\_Object\_\_next\_\_S()

```
xdc_Ptr ti_sysbios_heaps_HeapMem_Object__next__S (
    xdc_Ptr obj )
```

**4.3.3.165 ti\_sysbios\_heaps\_HeapMem\_Params\_\_init\_\_S()**

```
xdc_Void ti_sysbios_heaps_HeapMem_Params__init__S (
    xdc_Ptr prms,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.166 ti\_sysbios\_knl\_Clock\_construct()**

```
void ti_sysbios_knl_Clock_construct (
    ti_sysbios_knl_Clock_Struct * __obj,
    ti_sysbios_knl_Clock_FuncPtr clockFxn,
    xdc_UInt timeout,
    const ti_sysbios_knl_Clock_Params * __paramsPtr )
```

**4.3.3.167 ti\_sysbios\_knl\_Clock\_create()**

```
ti_sysbios_knl_Clock_Handle ti_sysbios_knl_Clock_create (
    ti_sysbios_knl_Clock_FuncPtr clockFxn,
    xdc_UInt timeout,
    const ti_sysbios_knl_Clock_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.168 ti\_sysbios\_knl\_Clock\_delete()**

```
void ti_sysbios_knl_Clock_delete (
    ti_sysbios_knl_Clock_Handle * instp )
```

**4.3.3.169 ti\_sysbios\_knl\_Clock\_destruct()**

```
void ti_sysbios_knl_Clock_destruct (
    ti_sysbios_knl_Clock_Struct * obj )
```

**4.3.3.170 ti\_sysbios\_knl\_Clock\_doTick\_\_I() [1/2]**

```
Void ti_sysbios_knl_Clock_doTick__I (
    UArg arg )
```

**4.3.3.171 ti\_sysbios\_knl\_Clock\_doTick\_\_I() [2/2]**

```
xdc_Void ti_sysbios_knl_Clock_doTick__I (
    xdc_UArg )
```

**4.3.3.172 ti\_sysbios\_knl\_Clock\_Handle\_\_label\_\_S()**

```
xdc_runtime_Types_Label * ti_sysbios_knl_Clock_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

**4.3.3.173 ti\_sysbios\_knl\_Clock\_Module\_\_startupDone\_\_F()**

```
xdc_Bool ti_sysbios_knl_Clock_Module__startupDone__F (
    void )
```

**4.3.3.174 ti\_sysbios\_knl\_Clock\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_knl_Clock_Module__startupDone__S (
    void )
```

**4.3.3.175 ti\_sysbios\_knl\_Clock\_Module\_startup\_\_E()**

```
xdc_Int ti_sysbios_knl_Clock_Module_startup__E (
    xdc_Int )
```

**4.3.3.176 ti\_sysbios\_knl\_Clock\_Object\_\_create\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Clock_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti\_sysbios\_knl\_Clock\_\_ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```



**4.3.3.177 ti\_sysbios\_knl\_Clock\_Object\_\_delete\_\_S()**

```
xdc_Void ti_sysbios_knl_Clock_Object__delete__S (
    xdc_Ptr instp )
```

**4.3.3.178 ti\_sysbios\_knl\_Clock\_Object\_\_destruct\_\_S()**

```
xdc_Void ti_sysbios_knl_Clock_Object__destruct__S (
    xdc_Ptr obj )
```

**4.3.3.179 ti\_sysbios\_knl\_Clock\_Object\_\_first\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Clock_Object__first__S (
    void )
```

**4.3.3.180 ti\_sysbios\_knl\_Clock\_Object\_\_get\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Clock_Object__get__S (
    xdc_Ptr oa,
    xdc_Int i )
```

**4.3.3.181 ti\_sysbios\_knl\_Clock\_Object\_\_next\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Clock_Object__next__S (
    xdc_Ptr obj )
```

**4.3.3.182 ti\_sysbios\_knl\_Clock\_Params\_\_init\_\_S()**

```
xdc_Void ti_sysbios_knl_Clock_Params__init__S (
    xdc_Ptr prms,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.183 ti\_sysbios\_knl\_Clock\_TimerProxy\_create()**

```
ti_sysbios_knl_Clock_TimerProxy_Handle ti_sysbios_knl_Clock_TimerProxy_create (
    xdc_Int id,
    ti_sysbios_interfaces_ITimer_FuncPtr tickFxn,
    const ti_sysbios_knl_Clock_TimerProxy_Params * __prms,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.184 ti\_sysbios\_knl\_Clock\_TimerProxy\_delete()**

```
void ti_sysbios_knl_Clock_TimerProxy_delete (
    ti_sysbios_knl_Clock_TimerProxy_Handle * instp )
```

**4.3.3.185 ti\_sysbios\_knl\_Clock\_TimerProxy\_getCount\_\_E()**

```
xdc_UInt32 ti_sysbios_knl_Clock_TimerProxy_getCount__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst )
```

**4.3.3.186 ti\_sysbios\_knl\_Clock\_TimerProxy\_getCurrentTick\_\_E()**

```
xdc_UInt32 ti_sysbios_knl_Clock_TimerProxy_getCurrentTick__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst,
    xdc_Bool save )
```

**4.3.3.187 ti\_sysbios\_knl\_Clock\_TimerProxy\_getExpiredCounts\_\_E()**

```
xdc_UInt32 ti_sysbios_knl_Clock_TimerProxy_getExpiredCounts__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst )
```

**4.3.3.188 ti\_sysbios\_knl\_Clock\_TimerProxy\_getExpiredTicks\_\_E()**

```
xdc_UInt32 ti_sysbios_knl_Clock_TimerProxy_getExpiredTicks__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst,
    xdc_UInt32 tickPeriod )
```

**4.3.3.189 ti\_sysbios\_knl\_Clock\_TimerProxy\_getFreq\_\_E()**

```
xdc_Void ti_sysbios_knl_Clock_TimerProxy_getFreq__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst,
    xdc_runtime_Types_FreqHz * freq )
```

**4.3.3.190 ti\_sysbios\_knl\_Clock\_TimerProxy\_getFunc\_\_E()**

```
ti_sysbios_interfaces_ITimer_FuncPtr ti_sysbios_knl_Clock_TimerProxy_getFunc__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst,
    xdc_UArg * arg )
```

**4.3.3.191 ti\_sysbios\_knl\_Clock\_TimerProxy\_getMaxTicks\_\_E()**

```
xdc_UInt32 ti_sysbios_knl_Clock_TimerProxy_getMaxTicks__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst )
```

**4.3.3.192 ti\_sysbios\_knl\_Clock\_TimerProxy\_getNumTimers\_\_E()**

```
xdc_UInt ti_sysbios_knl_Clock_TimerProxy_getNumTimers__E (
    void )
```

**4.3.3.193 ti\_sysbios\_knl\_Clock\_TimerProxy\_getPeriod\_\_E()**

```
xdc_UInt32 ti_sysbios_knl_Clock_TimerProxy_getPeriod__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst )
```

**4.3.3.194 ti\_sysbios\_knl\_Clock\_TimerProxy\_getStatus\_\_E()**

```
ti_sysbios_interfaces_ITimer_Status ti_sysbios_knl_Clock_TimerProxy_getStatus__E (
    xdc_UInt id )
```

**4.3.3.195 ti\_sysbios\_knl\_Clock\_TimerProxy\_Handle\_\_label\_\_S()**

```
xdc_runtime_Label * ti_sysbios_knl_Clock_TimerProxy_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Label * lab )
```

**4.3.3.196 ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_knl_Clock_TimerProxy_Module__startupDone__S (
    void )
```

**4.3.3.197 ti\_sysbios\_knl\_Clock\_TimerProxy\_Object\_\_create\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Clock_TimerProxy_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_knl_Clock_TimerProxy__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.198 ti\_sysbios\_knl\_Clock\_TimerProxy\_Object\_\_delete\_\_S()**

```
void ti_sysbios_knl_Clock_TimerProxy_Object__delete__S (
    xdc_Ptr instp )
```

**4.3.3.199 ti\_sysbios\_knl\_Clock\_TimerProxy\_Params\_\_init\_\_S()**

```
void ti_sysbios_knl_Clock_TimerProxy_Params__init__S (
    xdc_Ptr dst,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.200 ti\_sysbios\_knl\_Clock\_TimerProxy\_Proxy\_\_abstract\_\_S()**

```
xdc_Bool ti_sysbios_knl_Clock_TimerProxy_Proxy__abstract__S (
    void )
```

**4.3.3.201 ti\_sysbios\_knl\_Clock\_TimerProxy\_Proxy\_\_delegate\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Clock_TimerProxy_Proxy__delegate__S (
    void )
```

**4.3.3.202 ti\_sysbios\_knl\_Clock\_TimerProxy\_setFunc\_\_E()**

```
xdc_Void ti_sysbios_knl_Clock_TimerProxy_setFunc__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst,
    ti_sysbios_interfaces_ITimer_FuncPtr fxn,
    xdc_UArg arg )
```

**4.3.3.203 ti\_sysbios\_knl\_Clock\_TimerProxy\_setNextTick\_\_E()**

```
xdc_Void ti_sysbios_knl_Clock_TimerProxy_setNextTick__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst,
    xdc_UInt32 ticks )
```

**4.3.3.204 ti\_sysbios\_knl\_Clock\_TimerProxy\_setPeriod\_\_E()**

```
xdc_Void ti_sysbios_knl_Clock_TimerProxy_setPeriod__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst,
    xdc_UInt32 period )
```

**4.3.3.205 ti\_sysbios\_knl\_Clock\_TimerProxy\_setPeriodMicroSecs\_\_E()**

```
xdc_Bool ti_sysbios_knl_Clock_TimerProxy_setPeriodMicroSecs__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst,
    xdc_UInt32 microsecs )
```

**4.3.3.206 ti\_sysbios\_knl\_Clock\_TimerProxy\_start\_\_E()**

```
xdc_Void ti_sysbios_knl_Clock_TimerProxy_start__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst )
```

#### 4.3.3.207 ti\_sysbios\_knl\_Clock\_TimerProxy\_startup\_\_E()

```
xdc_Void ti_sysbios_knl_Clock_TimerProxy_startup__E (
    void )
```

#### 4.3.3.208 ti\_sysbios\_knl\_Clock\_TimerProxy\_stop\_\_E()

```
xdc_Void ti_sysbios_knl_Clock_TimerProxy_stop__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst )
```

#### 4.3.3.209 ti\_sysbios\_knl\_Clock\_TimerProxy\_trigger\_\_E()

```
xdc_Void ti_sysbios_knl_Clock_TimerProxy_trigger__E (
    ti_sysbios_knl_Clock_TimerProxy_Handle __inst,
    xdc_UInt32 cycles )
```

#### 4.3.3.210 ti\_sysbios\_knl\_Idle\_Module\_\_startupDone\_\_S()

```
xdc_Bool ti_sysbios_knl_Idle_Module__startupDone__S (
    void )
```

#### 4.3.3.211 ti\_sysbios\_knl\_Intrinsics\_Module\_\_startupDone\_\_S()

```
xdc_Bool ti_sysbios_knl_Intrinsics_Module__startupDone__S (
    void )
```

#### 4.3.3.212 ti\_sysbios\_knl\_Intrinsics\_SupportProxy\_maxbit\_\_E()

```
xdc_UInt ti_sysbios_knl_Intrinsics_SupportProxy_maxbit__E (
    xdc_UInt bits )
```

#### 4.3.3.213 ti\_sysbios\_knl\_Intrinsics\_SupportProxy\_Module\_\_startupDone\_\_S()

```
xdc_Bool ti_sysbios_knl_Intrinsics_SupportProxy_Module__startupDone__S (
    void )
```

**4.3.3.214 ti\_sysbios\_knl\_Intrinsics\_SupportProxy\_Proxy\_\_abstract\_\_S()**

```
xdc_Bool ti_sysbios_knl_Intrinsics_SupportProxy_Proxy__abstract__S (
    void )
```

**4.3.3.215 ti\_sysbios\_knl\_Intrinsics\_SupportProxy\_Proxy\_\_delegate\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Intrinsics_SupportProxy_Proxy__delegate__S (
    void )
```

**4.3.3.216 ti\_sysbios\_knl\_Queue\_construct()**

```
void ti_sysbios_knl_Queue_construct (
    ti_sysbios_knl_Queue_Struct * __obj,
    const ti_sysbios_knl_Queue_Params * __paramsPtr )
```

**4.3.3.217 ti\_sysbios\_knl\_Queue\_create()**

```
ti_sysbios_knl_Queue_Handle ti_sysbios_knl_Queue_create (
    const ti_sysbios_knl_Queue_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.218 ti\_sysbios\_knl\_Queue\_delete()**

```
void ti_sysbios_knl_Queue_delete (
    ti_sysbios_knl_Queue_Handle * instp )
```

**4.3.3.219 ti\_sysbios\_knl\_Queue\_destruct()**

```
void ti_sysbios_knl_Queue_destruct (
    ti_sysbios_knl_Queue_Struct * obj )
```

#### 4.3.3.220 ti\_sysbios\_knl\_Queue\_Handle\_\_label\_\_S()

```
xdc_runtime_Types_Label * ti_sysbios_knl_Queue_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

#### 4.3.3.221 ti\_sysbios\_knl\_Queue\_Module\_\_startupDone\_\_S()

```
xdc_Bool ti_sysbios_knl_Queue_Module__startupDone__S (
    void )
```

#### 4.3.3.222 ti\_sysbios\_knl\_Queue\_Object\_\_create\_\_S()

```
xdc_Ptr ti_sysbios_knl_Queue_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_knl_Queue__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.223 ti\_sysbios\_knl\_Queue\_Object\_\_delete\_\_S()

```
xdc_Void ti_sysbios_knl_Queue_Object__delete__S (
    xdc_Ptr instp )
```

#### 4.3.3.224 ti\_sysbios\_knl\_Queue\_Object\_\_destruct\_\_S()

```
xdc_Void ti_sysbios_knl_Queue_Object__destruct__S (
    xdc_Ptr obj )
```

#### 4.3.3.225 ti\_sysbios\_knl\_Queue\_Object\_\_first\_\_S()

```
xdc_Ptr ti_sysbios_knl_Queue_Object__first__S (
    void )
```



**4.3.3.226 ti\_sysbios\_knl\_Queue\_Object\_\_get\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Queue_Object__get__S (
    xdc_Ptr oa,
    xdc_Int i )
```

**4.3.3.227 ti\_sysbios\_knl\_Queue\_Object\_\_next\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Queue_Object__next__S (
    xdc_Ptr obj )
```

**4.3.3.228 ti\_sysbios\_knl\_Queue\_Params\_\_init\_\_S()**

```
xdc_Void ti_sysbios_knl_Queue_Params__init__S (
    xdc_Ptr prms,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.229 ti\_sysbios\_knl\_Semaphore\_construct()**

```
void ti_sysbios_knl_Semaphore_construct (
    ti_sysbios_knl_Semaphore_Struct * __obj,
    xdc_Int count,
    const ti_sysbios_knl_Semaphore_Params * __paramsPtr )
```

**4.3.3.230 ti\_sysbios\_knl\_Semaphore\_create()**

```
ti_sysbios_knl_Semaphore_Handle ti_sysbios_knl_Semaphore_create (
    xdc_Int count,
    const ti_sysbios_knl_Semaphore_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.231 ti\_sysbios\_knl\_Semaphore\_delete()**

```
void ti_sysbios_knl_Semaphore_delete (
    ti_sysbios_knl_Semaphore_Handle * instp )
```

#### 4.3.3.232 ti\_sysbios\_knl\_Semaphore\_destruct()

```
void ti_sysbios_knl_Semaphore_destruct (
    ti_sysbios_knl_Semaphore_Struct * obj )
```

#### 4.3.3.233 ti\_sysbios\_knl\_Semaphore\_Handle\_\_label\_\_S()

```
xdc_runtime_Types_Label * ti_sysbios_knl_Semaphore_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

#### 4.3.3.234 ti\_sysbios\_knl\_Semaphore\_Module\_\_startupDone\_\_S()

```
xdc_Bool ti_sysbios_knl_Semaphore_Module__startupDone__S (
    void )
```

#### 4.3.3.235 ti\_sysbios\_knl\_Semaphore\_Object\_\_create\_\_S()

```
xdc_Ptr ti_sysbios_knl_Semaphore_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_knl_Semaphore__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

#### 4.3.3.236 ti\_sysbios\_knl\_Semaphore\_Object\_\_delete\_\_S()

```
xdc_Void ti_sysbios_knl_Semaphore_Object__delete__S (
    xdc_Ptr instp )
```

#### 4.3.3.237 ti\_sysbios\_knl\_Semaphore\_Object\_\_destruct\_\_S()

```
xdc_Void ti_sysbios_knl_Semaphore_Object__destruct__S (
    xdc_Ptr obj )
```

**4.3.3.238 ti\_sysbios\_knl\_Semaphore\_Object\_\_first\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Semaphore_Object__first__S (
    void )
```

**4.3.3.239 ti\_sysbios\_knl\_Semaphore\_Object\_\_get\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Semaphore_Object__get__S (
    xdc_Ptr oa,
    xdc_Int i )
```

**4.3.3.240 ti\_sysbios\_knl\_Semaphore\_Object\_\_next\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Semaphore_Object__next__S (
    xdc_Ptr obj )
```

**4.3.3.241 ti\_sysbios\_knl\_Semaphore\_Params\_\_init\_\_S()**

```
xdc_Void ti_sysbios_knl_Semaphore_Params__init__S (
    xdc_Ptr prms,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.242 ti\_sysbios\_knl\_Swi\_construct()**

```
void ti_sysbios_knl_Swi_construct (
    ti_sysbios_knl_Swi_Struct * __obj,
    ti_sysbios_knl_Swi_FuncPtr swiFxn,
    const ti_sysbios_knl_Swi_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.243 ti\_sysbios\_knl\_Swi\_create()**

```
ti_sysbios_knl_Swi_Handle ti_sysbios_knl_Swi_create (
    ti_sysbios_knl_Swi_FuncPtr swiFxn,
    const ti_sysbios_knl_Swi_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.244 ti\_sysbios\_knl\_Swi\_delete()**

```
void ti_sysbios_knl_Swi_delete (
    ti_sysbios_knl_Swi_Handle * instp )
```

**4.3.3.245 ti\_sysbios\_knl\_Swi\_destruct()**

```
void ti_sysbios_knl_Swi_destruct (
    ti_sysbios_knl_Swi_Struct * obj )
```

**4.3.3.246 ti\_sysbios\_knl\_Swi\_disable\_\_E()**

```
xdc_UInt ti_sysbios_knl_Swi_disable__E (
    xdc_Void )
```

**4.3.3.247 ti\_sysbios\_knl\_Swi\_Handle\_\_label\_\_S()**

```
xdc_runtime_Types_Label * ti_sysbios_knl_Swi_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

**4.3.3.248 ti\_sysbios\_knl\_Swi\_Module\_\_startupDone\_\_F()**

```
xdc_Bool ti_sysbios_knl_Swi_Module__startupDone__F (
    void )
```

**4.3.3.249 ti\_sysbios\_knl\_Swi\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_knl_Swi_Module__startupDone__S (
    void )
```

**4.3.3.250 ti\_sysbios\_knl\_Swi\_Module\_startup\_\_E()**

```
xdc_Int ti_sysbios_knl_Swi_Module_startup__E (
    xdc_Int )
```

**4.3.3.251 ti\_sysbios\_knl\_Swi\_Object\_\_create\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Swi_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_knl_Swi__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.252 ti\_sysbios\_knl\_Swi\_Object\_\_delete\_\_S()**

```
xdc_Void ti_sysbios_knl_Swi_Object__delete__S (
    xdc_Ptr instp )
```

**4.3.3.253 ti\_sysbios\_knl\_Swi\_Object\_\_destruct\_\_S()**

```
xdc_Void ti_sysbios_knl_Swi_Object__destruct__S (
    xdc_Ptr obj )
```

**4.3.3.254 ti\_sysbios\_knl\_Swi\_Object\_\_first\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Swi_Object__first__S (
    void )
```

**4.3.3.255 ti\_sysbios\_knl\_Swi\_Object\_\_get\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Swi_Object__get__S (
    xdc_Ptr oa,
    xdc_Int i )
```

**4.3.3.256 ti\_sysbios\_knl\_Swi\_Object\_\_next\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Swi_Object__next__S (
    xdc_Ptr obj )
```

**4.3.3.257 ti\_sysbios\_knl\_Swi\_Params\_\_init\_\_S()**

```
xdc_Void ti_sysbios_knl_Swi_Params__init__S (
    xdc_Ptr prms,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.258 ti\_sysbios\_knl\_Swi\_restoreHwi\_\_E()**

```
xdc_Void ti_sysbios_knl_Swi_restoreHwi__E (
    xdc_UInt )
```

**4.3.3.259 ti\_sysbios\_knl\_Task\_construct()**

```
void ti_sysbios_knl_Task_construct (
    ti_sysbios_knl_Task_Struct * __obj,
    ti_sysbios_knl_Task_FuncPtr fxn,
    const ti_sysbios_knl_Task_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.260 ti\_sysbios\_knl\_Task\_create()**

```
ti_sysbios_knl_Task_Handle ti_sysbios_knl_Task_create (
    ti_sysbios_knl_Task_FuncPtr fxn,
    const ti_sysbios_knl_Task_Params * __paramsPtr,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.261 ti\_sysbios\_knl\_Task\_delete()**

```
void ti_sysbios_knl_Task_delete (
    ti_sysbios_knl_Task_Handle * instp )
```

**4.3.3.262 ti\_sysbios\_knl\_Task\_destruct()**

```
void ti_sysbios_knl_Task_destruct (
    ti_sysbios_knl_Task_Struct * obj )
```

**4.3.3.263 ti\_sysbios\_knl\_Task\_disable\_\_E()**

```
xdc_UInt ti_sysbios_knl_Task_disable__E (
    xdc_Void )
```

**4.3.3.264 ti\_sysbios\_knl\_Task\_Handle\_\_label\_\_S()**

```
xdc_runtime_Types_Label * ti_sysbios_knl_Task_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

**4.3.3.265 ti\_sysbios\_knl\_Task\_Module\_\_startupDone\_\_F()**

```
xdc_Bool ti_sysbios_knl_Task_Module__startupDone__F (
    void )
```

**4.3.3.266 ti\_sysbios\_knl\_Task\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_knl_Task_Module__startupDone__S (
    void )
```

**4.3.3.267 ti\_sysbios\_knl\_Task\_Module\_startup\_\_E()**

```
xdc_Int ti_sysbios_knl_Task_Module_startup__E (
    xdc_Int )
```

**4.3.3.268 ti\_sysbios\_knl\_Task\_Object\_\_create\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Task_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const ti_sysbios_knl_Task__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.269 ti\_sysbios\_knl\_Task\_Object\_\_delete\_\_S()**

```
xdc_Void ti_sysbios_knl_Task_Object__delete__S (
    xdc_Ptr instp )
```

**4.3.3.270 ti\_sysbios\_knl\_Task\_Object\_\_destruct\_\_S()**

```
xdc_Void ti_sysbios_knl_Task_Object__destruct__S (
    xdc_Ptr obj )
```

**4.3.3.271 ti\_sysbios\_knl\_Task\_Object\_\_first\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Task_Object__first__S (
    void )
```

**4.3.3.272 ti\_sysbios\_knl\_Task\_Object\_\_get\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Task_Object__get__S (
    xdc_Ptr oa,
    xdc_Int i )
```

**4.3.3.273 ti\_sysbios\_knl\_Task\_Object\_\_next\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Task_Object__next__S (
    xdc_Ptr obj )
```

**4.3.3.274 ti\_sysbios\_knl\_Task\_Params\_\_init\_\_S()**

```
xdc_Void ti_sysbios_knl_Task_Params__init__S (
    xdc_Ptr prms,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```



**4.3.3.275 ti\_sysbios\_knl\_Task\_restore\_\_E()**

```
xdc_Void ti_sysbios_knl_Task_restore__E (
    xdc_UInt )
```

**4.3.3.276 ti\_sysbios\_knl\_Task\_restoreHwi\_\_E()**

```
xdc_Void ti_sysbios_knl_Task_restoreHwi__E (
    xdc_UInt )
```

**4.3.3.277 ti\_sysbios\_knl\_Task\_SupportProxy\_checkStack\_\_E()**

```
xdc_Bool ti_sysbios_knl_Task_SupportProxy_checkStack__E (
    xdc_Char * stack,
    xdc_SizeT size )
```

**4.3.3.278 ti\_sysbios\_knl\_Task\_SupportProxy\_getDefaultStackSize\_\_E()**

```
xdc_SizeT ti_sysbios_knl_Task_SupportProxy_getDefaultStackSize__E (
    void )
```

**4.3.3.279 ti\_sysbios\_knl\_Task\_SupportProxy\_getStackAlignment\_\_E()**

```
xdc_UInt ti_sysbios_knl_Task_SupportProxy_getStackAlignment__E (
    void )
```

**4.3.3.280 ti\_sysbios\_knl\_Task\_SupportProxy\_Module\_\_startupDone\_\_S()**

```
xdc_Bool ti_sysbios_knl_Task_SupportProxy_Module__startupDone__S (
    void )
```

**4.3.3.281 ti\_sysbios\_knl\_Task\_SupportProxy\_Proxy\_\_abstract\_\_S()**

```
xdc_Bool ti_sysbios_knl_Task_SupportProxy_Proxy__abstract__S (
    void )
```

**4.3.3.282 ti\_sysbios\_knl\_Task\_SupportProxy\_Proxy\_\_delegate\_\_S()**

```
xdc_Ptr ti_sysbios_knl_Task_SupportProxy_Proxy__delegate__S (
    void )
```

**4.3.3.283 ti\_sysbios\_knl\_Task\_SupportProxy\_stackUsed\_\_E()**

```
xdc_SizeT ti_sysbios_knl_Task_SupportProxy_stackUsed__E (
    xdc_Char * stack,
    xdc_SizeT size )
```

**4.3.3.284 ti\_sysbios\_knl\_Task\_SupportProxy\_start\_\_E()**

```
xdc_Ptr ti_sysbios_knl_Task_SupportProxy_start__E (
    xdc_Ptr curTask,
    ti_sysbios_interfaces_ITaskSupport_FuncPtr enter,
    ti_sysbios_interfaces_ITaskSupport_FuncPtr exit,
    xdc_runtime_Error_Block * eb )
```

**4.3.3.285 ti\_sysbios\_knl\_Task\_SupportProxy\_swap\_\_E()**

```
xdc_Void ti_sysbios_knl_Task_SupportProxy_swap__E (
    xdc_Ptr * oldtskContext,
    xdc_Ptr * newtskContext )
```

**4.3.3.286 xdc\_\_META() [1/5]**

```
xdc__META (
    __ASM__ )
```

**4.3.3.287 xdc\_\_META() [2/5]**

```
xdc__META (
    __ISA__ )
```

**4.3.3.288 xdc\_\_META()** [3/5]

```
xdc__META (
    __PLAT__ )
```

**4.3.3.289 xdc\_\_META()** [4/5]

```
xdc__META (
    __TARG__ )
```

**4.3.3.290 xdc\_\_META()** [5/5]

```
xdc__META (
    __TRDR__ )
```

**4.3.3.291 xdc\_runtime\_Assert\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Assert_Module__startupDone__S (
    void )
```

**4.3.3.292 xdc\_runtime\_Core\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Core_Module__startupDone__S (
    void )
```

**4.3.3.293 xdc\_runtime\_Defaults\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Defaults_Module__startupDone__S (
    void )
```

**4.3.3.294 xdc\_runtime\_Diags\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Diags_Module__startupDone__S (
    void )
```

**4.3.3.295 xdc\_runtime\_Error\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Error_Module__startupDone__S (  
    void )
```

**4.3.3.296 xdc\_runtime\_Gate\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Gate_Module__startupDone__S (  
    void )
```

**4.3.3.297 xdc\_runtime\_IGateProvider\_create()**

```
xdc_runtime_IGateProvider_Handle xdc_runtime_IGateProvider_create (  
    xdc_runtime_IGateProvider_Module __mod,  
    const xdc_runtime_IGateProvider_Params * __prms,  
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.298 xdc\_runtime\_IGateProvider\_delete()**

```
void xdc_runtime_IGateProvider_delete (  
    xdc_runtime_IGateProvider_Handle * instp )
```

**4.3.3.299 xdc\_runtime\_IHeap\_create()**

```
xdc_runtime_IHeap_Handle xdc_runtime_IHeap_create (  
    xdc_runtime_IHeap_Module __mod,  
    const xdc_runtime_IHeap_Params * __prms,  
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.300 xdc\_runtime\_IHeap\_delete()**

```
void xdc_runtime_IHeap_delete (  
    xdc_runtime_IHeap_Handle * instp )
```

**4.3.3.301 xdc\_runtime\_Log\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Log_Module__startupDone__S (  
    void )
```

**4.3.3.302 xdc\_runtime\_Main\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Main_Module__startupDone__S (  
    void )
```

**4.3.3.303 xdc\_runtime\_Main\_Module\_GateProxy\_create()**

```
xdc_runtime_Main_Module_GateProxy_Handle xdc_runtime_Main_Module_GateProxy_create (  
    const xdc_runtime_Main_Module_GateProxy_Params * __prms,  
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.304 xdc\_runtime\_Main\_Module\_GateProxy\_delete()**

```
void xdc_runtime_Main_Module_GateProxy_delete (  
    xdc_runtime_Main_Module_GateProxy_Handle * instp )
```

**4.3.3.305 xdc\_runtime\_Main\_Module\_GateProxy\_enter\_\_E()**

```
xdc_IArg xdc_runtime_Main_Module_GateProxy_enter__E (  
    xdc_runtime_Main_Module_GateProxy_Handle __inst )
```

**4.3.3.306 xdc\_runtime\_Main\_Module\_GateProxy\_Handle\_\_label\_\_S()**

```
xdc_runtime_Types_Label * xdc_runtime_Main_Module_GateProxy_Handle__label__S (  
    xdc_Ptr obj,  
    xdc_runtime_Types_Label * lab )
```

**4.3.3.307 xdc\_runtime\_Main\_Module\_GateProxy\_leave\_\_E()**

```
xdc_Void xdc_runtime_Main_Module_GateProxy_leave__E (
    xdc_runtime_Main_Module_GateProxy_Handle __inst,
    xdc_IArg key )
```

**4.3.3.308 xdc\_runtime\_Main\_Module\_GateProxy\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Main_Module_GateProxy_Module__startupDone__S (
    void )
```

**4.3.3.309 xdc\_runtime\_Main\_Module\_GateProxy\_Object\_\_create\_\_S()**

```
xdc_Ptr xdc_runtime_Main_Module_GateProxy_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const xdc_runtime_Main_Module_GateProxy__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.310 xdc\_runtime\_Main\_Module\_GateProxy\_Object\_\_delete\_\_S()**

```
void xdc_runtime_Main_Module_GateProxy_Object__delete__S (
    xdc_Ptr instp )
```

**4.3.3.311 xdc\_runtime\_Main\_Module\_GateProxy\_Params\_\_init\_\_S()**

```
void xdc_runtime_Main_Module_GateProxy_Params__init__S (
    xdc_Ptr dst,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.312 xdc\_runtime\_Main\_Module\_GateProxy\_Proxy\_\_abstract\_\_S()**

```
xdc_Bool xdc_runtime_Main_Module_GateProxy_Proxy__abstract__S (
    void )
```

**4.3.3.313 xdc\_runtime\_Main\_Module\_GateProxy\_Proxy\_\_delegate\_\_S()**

```
xdc_Ptr xdc_runtime_Main_Module_GateProxy_Proxy__delegate__S (
    void )
```

**4.3.3.314 xdc\_runtime\_Main\_Module\_GateProxy\_query\_\_E()**

```
xdc_Bool xdc_runtime_Main_Module_GateProxy_query__E (
    xdc_Int qual )
```

**4.3.3.315 xdc\_runtime\_Memory\_HeapProxy\_alloc\_\_E()**

```
xdc_Ptr xdc_runtime_Memory_HeapProxy_alloc__E (
    xdc_runtime_Memory_HeapProxy_Handle __inst,
    xdc_SizeT size,
    xdc_SizeT align,
    xdc_runtime_Error_Block * eb )
```

**4.3.3.316 xdc\_runtime\_Memory\_HeapProxy\_create()**

```
xdc_runtime_Memory_HeapProxy_Handle xdc_runtime_Memory_HeapProxy_create (
    const xdc_runtime_Memory_HeapProxy_Params * __prms,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.317 xdc\_runtime\_Memory\_HeapProxy\_delete()**

```
void xdc_runtime_Memory_HeapProxy_delete (
    xdc_runtime_Memory_HeapProxy_Handle * instp )
```

**4.3.3.318 xdc\_runtime\_Memory\_HeapProxy\_free\_\_E()**

```
xdc_Void xdc_runtime_Memory_HeapProxy_free__E (
    xdc_runtime_Memory_HeapProxy_Handle __inst,
    xdc_Ptr block,
    xdc_SizeT size )
```

**4.3.3.319 xdc\_runtime\_Memory\_HeapProxy\_getStats\_\_E()**

```
xdc_Void xdc_runtime_Memory_HeapProxy_getStats__E (
    xdc_runtime_Memory_HeapProxy_Handle __inst,
    xdc_runtime_Memory_Stats * stats )
```

**4.3.3.320 xdc\_runtime\_Memory\_HeapProxy\_Handle\_\_label\_\_S()**

```
xdc_runtime_Types_Label * xdc_runtime_Memory_HeapProxy_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

**4.3.3.321 xdc\_runtime\_Memory\_HeapProxy\_isBlocking\_\_E()**

```
xdc_Bool xdc_runtime_Memory_HeapProxy_isBlocking__E (
    xdc_runtime_Memory_HeapProxy_Handle __inst )
```

**4.3.3.322 xdc\_runtime\_Memory\_HeapProxy\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Memory_HeapProxy_Module__startupDone__S (
    void )
```

**4.3.3.323 xdc\_runtime\_Memory\_HeapProxy\_Object\_\_create\_\_S()**

```
xdc_Ptr xdc_runtime_Memory_HeapProxy_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const xdc_runtime_Memory_HeapProxy__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.324 xdc\_runtime\_Memory\_HeapProxy\_Object\_\_delete\_\_S()**

```
void xdc_runtime_Memory_HeapProxy_Object__delete__S (
    xdc_Ptr instp )
```



**4.3.3.325 xdc\_runtime\_Memory\_HeapProxy\_Params\_\_init\_\_S()**

```
void xdc_runtime_Memory_HeapProxy_Params__init__S (
    xdc_Ptr dst,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.326 xdc\_runtime\_Memory\_HeapProxy\_Proxy\_\_abstract\_\_S()**

```
xdc_Bool xdc_runtime_Memory_HeapProxy_Proxy__abstract__S (
    void )
```

**4.3.3.327 xdc\_runtime\_Memory\_HeapProxy\_Proxy\_\_delegate\_\_S()**

```
xdc_Ptr xdc_runtime_Memory_HeapProxy_Proxy__delegate__S (
    void )
```

**4.3.3.328 xdc\_runtime\_Memory\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Memory_Module__startupDone__S (
    void )
```

**4.3.3.329 xdc\_runtime\_Registry\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Registry_Module__startupDone__S (
    void )
```

**4.3.3.330 xdc\_runtime\_Startup\_exec\_\_I()**

```
xdc_Void xdc_runtime_Startup_exec__I (
    void )
```

**4.3.3.331 xdc\_runtime\_Startup\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Startup_Module__startupDone__S (  
    void )
```

**4.3.3.332 xdc\_runtime\_Startup\_reset\_\_I()**

```
xdc_Void xdc_runtime_Startup_reset__I (  
    void )
```

**4.3.3.333 xdc\_runtime\_SysMin\_Module\_\_startupDone\_\_F()**

```
xdc_Bool xdc_runtime_SysMin_Module__startupDone__F (  
    void )
```

**4.3.3.334 xdc\_runtime\_SysMin\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_SysMin_Module__startupDone__S (  
    void )
```

**4.3.3.335 xdc\_runtime\_SysMin\_Module\_startup\_\_E()**

```
xdc_Int xdc_runtime_SysMin_Module_startup__E (  
    xdc_Int )
```

**4.3.3.336 xdc\_runtime\_SysMin\_output\_\_I()**

```
xdc_Void xdc_runtime_SysMin_output__I (  
    xdc_Char * buf,  
    xdc_UInt size )
```

**4.3.3.337 xdc\_runtime\_System\_aprintf\_\_E()**

```
xdc_Int xdc_runtime_System_aprintf__E (  
    xdc_CString fmt,  
    ... )
```

**4.3.3.338 xdc\_runtime\_System\_aprintf\_va\_\_E()**

```
xdc_Int xdc_runtime_System_aprintf_va__E (
    xdc_CString fmt,
    va_list __va )
```

**4.3.3.339 xdc\_runtime\_System\_asprintf\_\_E()**

```
xdc_Int xdc_runtime_System_asprintf__E (
    xdc_Char buf[],
    xdc_CString fmt,
    ... )
```

**4.3.3.340 xdc\_runtime\_System\_asprintf\_va\_\_E()**

```
xdc_Int xdc_runtime_System_asprintf_va__E (
    xdc_Char buf[],
    xdc_CString fmt,
    va_list __va )
```

**4.3.3.341 xdc\_runtime\_System\_Module\_\_startupDone\_\_F()**

```
xdc_Bool xdc_runtime_System_Module__startupDone__F (
    void )
```

**4.3.3.342 xdc\_runtime\_System\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_System_Module__startupDone__S (
    void )
```

**4.3.3.343 xdc\_runtime\_System\_Module\_GateProxy\_create()**

```
xdc_runtime_System_Module_GateProxy_Handle xdc_runtime_System_Module_GateProxy_create (
    const xdc_runtime_System_Module_GateProxy_Params * __prms,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.344 xdc\_runtime\_System\_Module\_GateProxy\_delete()**

```
void xdc_runtime_System_Module_GateProxy_delete (
    xdc_runtime_System_Module_GateProxy_Handle * instp )
```

**4.3.3.345 xdc\_runtime\_System\_Module\_GateProxy\_enter\_\_E()**

```
xdc_IArg xdc_runtime_System_Module_GateProxy_enter__E (
    xdc_runtime_System_Module_GateProxy_Handle __inst )
```

**4.3.3.346 xdc\_runtime\_System\_Module\_GateProxy\_Handle\_\_label\_\_S()**

```
xdc_runtime_Types_Label * xdc_runtime_System_Module_GateProxy_Handle__label__S (
    xdc_Ptr obj,
    xdc_runtime_Types_Label * lab )
```

**4.3.3.347 xdc\_runtime\_System\_Module\_GateProxy\_leave\_\_E()**

```
xdc_Void xdc_runtime_System_Module_GateProxy_leave__E (
    xdc_runtime_System_Module_GateProxy_Handle __inst,
    xdc_IArg key )
```

**4.3.3.348 xdc\_runtime\_System\_Module\_GateProxy\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_System_Module_GateProxy_Module__startupDone__S (
    void )
```

**4.3.3.349 xdc\_runtime\_System\_Module\_GateProxy\_Object\_\_create\_\_S()**

```
xdc_Ptr xdc_runtime_System_Module_GateProxy_Object__create__S (
    xdc_Ptr __obj,
    xdc_SizeT __osz,
    const xdc_Ptr __aa,
    const xdc_runtime_System_Module_GateProxy__ParamsPtr __paramsPtr,
    xdc_SizeT __psz,
    xdc_runtime_Error_Block * __eb )
```

**4.3.3.350 xdc\_runtime\_System\_Module\_GateProxy\_Object\_\_delete\_\_S()**

```
void xdc_runtime_System_Module_GateProxy_Object__delete__S (
    xdc_Ptr instp )
```

**4.3.3.351 xdc\_runtime\_System\_Module\_GateProxy\_Params\_\_init\_\_S()**

```
void xdc_runtime_System_Module_GateProxy_Params__init__S (
    xdc_Ptr dst,
    const void * src,
    xdc_SizeT psz,
    xdc_SizeT isz )
```

**4.3.3.352 xdc\_runtime\_System\_Module\_GateProxy\_Proxy\_\_abstract\_\_S()**

```
xdc_Bool xdc_runtime_System_Module_GateProxy_Proxy__abstract__S (
    void )
```

**4.3.3.353 xdc\_runtime\_System\_Module\_GateProxy\_Proxy\_\_delegate\_\_S()**

```
xdc_Ptr xdc_runtime_System_Module_GateProxy_Proxy__delegate__S (
    void )
```

**4.3.3.354 xdc\_runtime\_System\_Module\_GateProxy\_query\_\_E()**

```
xdc_Bool xdc_runtime_System_Module_GateProxy_query__E (
    xdc_Int qual )
```

**4.3.3.355 xdc\_runtime\_System\_Module\_startup\_\_E()**

```
xdc_Int xdc_runtime_System_Module_startup__E (
    xdc_Int )
```

**4.3.3.356 xdc\_runtime\_System\_printf\_\_E()**

```
xdc_Int xdc_runtime_System_printf__E (
    xdc_CString fmt,
    ... )
```

**4.3.3.357 xdc\_runtime\_System\_printf\_va\_\_E()**

```
xdc_Int xdc_runtime_System_printf_va__E (
    xdc_CString fmt,
    va_list __va )
```

**4.3.3.358 xdc\_runtime\_System\_printfExtend\_\_I()**

```
xdc_Int xdc_runtime_System_printfExtend__I (
    xdc_Char ** pbuf,
    xdc_CString * pfmt,
    xdc_Valist * pva,
    xdc_runtime_System_ParseData * parse )
```

**4.3.3.359 xdc\_runtime\_System\_snprintf\_\_E()**

```
xdc_Int xdc_runtime_System_snprintf__E (
    xdc_Char buf[],
    xdc_SizeT n,
    xdc_CString fmt,
    ... )
```

**4.3.3.360 xdc\_runtime\_System\_snprintf\_va\_\_E()**

```
xdc_Int xdc_runtime_System_snprintf_va__E (
    xdc_Char buf[],
    xdc_SizeT n,
    xdc_CString fmt,
    va_list __va )
```

**4.3.3.361 xdc\_runtime\_System\_sprintf\_\_E()**

```
xdc_Int xdc_runtime_System_sprintf__E (
    xdc_Char buf[],
    xdc_CString fmt,
    ... )
```

**4.3.3.362 xdc\_runtime\_System\_sprintf\_va\_\_E()**

```
xdc_Int xdc_runtime_System_sprintf_va__E (
    xdc_Char buf[],
    xdc_CString fmt,
    va_list __va )
```

**4.3.3.363 xdc\_runtime\_System\_SupportProxy\_abort\_\_E()**

```
xdc_Void xdc_runtime_System_SupportProxy_abort__E (
    xdc_CString str )
```

**4.3.3.364 xdc\_runtime\_System\_SupportProxy\_exit\_\_E()**

```
xdc_Void xdc_runtime_System_SupportProxy_exit__E (
    xdc_Int stat )
```

**4.3.3.365 xdc\_runtime\_System\_SupportProxy\_flush\_\_E()**

```
xdc_Void xdc_runtime_System_SupportProxy_flush__E (
    void )
```

**4.3.3.366 xdc\_runtime\_System\_SupportProxy\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_System_SupportProxy_Module__startupDone__S (
    void )
```

**4.3.3.367 xdc\_runtime\_System\_SupportProxy\_Proxy\_\_abstract\_\_S()**

```
xdc_Bool xdc_runtime_System_SupportProxy_Proxy__abstract__S (  
    void )
```

**4.3.3.368 xdc\_runtime\_System\_SupportProxy\_Proxy\_\_delegate\_\_S()**

```
xdc_Ptr xdc_runtime_System_SupportProxy_Proxy__delegate__S (  
    void )
```

**4.3.3.369 xdc\_runtime\_System\_SupportProxy\_putch\_\_E()**

```
xdc_Void xdc_runtime_System_SupportProxy_putch__E (  
    xdc_Char ch )
```

**4.3.3.370 xdc\_runtime\_System\_SupportProxy\_ready\_\_E()**

```
xdc_Bool xdc_runtime_System_SupportProxy_ready__E (  
    void )
```

**4.3.3.371 xdc\_runtime\_Text\_Module\_\_startupDone\_\_S()**

```
xdc_Bool xdc_runtime_Text_Module__startupDone__S (  
    void )
```

**4.3.3.372 xdc\_runtime\_Text\_visitRope\_\_I()**

```
void xdc_runtime_Text_visitRope__I (  
    xdc_runtime_Text_RopeId rope,  
    xdc_Fxn visFxn,  
    xdc_Ptr visState )
```

**4.3.4 Variable Documentation**



#### 4.3.4.1 \_\_TI\_STACK\_BASE

```
void* __TI_STACK_BASE [extern]
```

#### 4.3.4.2 \_\_xdc\_init\_addr

```
__FAR__ int(*volatile __xdc_init_addr) (void) (
    void ) = &__xdc_init
```

#### 4.3.4.3 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_A\_mustNotUseEnhancedClockMode\_\_C

```
__FAR__ const CT_ti_catalog_arm_cortexm4_tiva_ce_Boot_A_mustNotUseEnhancedClockMode ti_↔
catalog_arm_cortexm4_tiva_ce_Boot_A_mustNotUseEnhancedClockMode__C = (((xdc_runtime_Assert_↔
Id)474) << 16 | 16)
```

#### 4.3.4.4 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_A\_mustUseEnhancedClockMode\_\_C

```
__FAR__ const CT_ti_catalog_arm_cortexm4_tiva_ce_Boot_A_mustUseEnhancedClockMode ti_catalog_↔
_arm_cortexm4_tiva_ce_Boot_A_mustUseEnhancedClockMode__C = (((xdc_runtime_Assert_Id)400) << 16
| 16)
```

#### 4.3.4.5 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT_ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__diagsEnabled ti_catalog_arm_↔
cortexm4_tiva_ce_Boot_Module__diagsEnabled__C = (xdc_Bits32)0x90
```

#### 4.3.4.6 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT_ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__diagsIncluded ti_catalog_arm_↔
cortexm4_tiva_ce_Boot_Module__diagsIncluded__C = (xdc_Bits32)0x90
```

#### 4.3.4.7 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT_ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__diagsMask ti_catalog_arm_↔
cortexm4_tiva_ce_Boot_Module__diagsMask__C = ((CT_ti_catalog_arm_cortexm4_tiva_ce_Boot_↔
Module__diagsMask)0)
```

#### 4.3.4.8 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__gateObj ti_catalog_arm_cortexm4_↵  
_tiva_ce_Boot_Module__gateObj__C = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__gate↵  
Obj) 0)
```

#### 4.3.4.9 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__gatePrms ti_catalog_arm_↵  
cortexm4_tiva_ce_Boot_Module__gatePrms__C = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_↵  
Module__gatePrms) 0)
```

#### 4.3.4.10 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_id\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__id ti_catalog_arm_cortexm4_↵  
tiva_ce_Boot_Module__id__C = (xdc_Bits16) 0x8015
```

#### 4.3.4.11 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerDefined ti_catalog_arm_↵  
cortexm4_tiva_ce_Boot_Module__loggerDefined__C = 0
```

#### 4.3.4.12 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn0 ti_catalog_arm_↵  
cortexm4_tiva_ce_Boot_Module__loggerFxn0__C = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_↵  
Module__loggerFxn0) 0)
```

#### 4.3.4.13 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn1 ti_catalog_arm_↵  
cortexm4_tiva_ce_Boot_Module__loggerFxn1__C = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_↵  
Module__loggerFxn1) 0)
```

#### 4.3.4.14 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn2 ti_catalog_arm_↵  
cortexm4_tiva_ce_Boot_Module__loggerFxn2__C = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_↵  
Module__loggerFxn2) 0)
```

#### 4.3.4.15 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn4 ti_catalog_arm_↵  
cortexm4_tiva_ce_Boot_Module__loggerFxn4__C = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_↵  
Module__loggerFxn4) 0)
```

#### 4.3.4.16 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerFxn8 ti_catalog_arm_↵  
cortexm4_tiva_ce_Boot_Module__loggerFxn8__C = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_↵  
Module__loggerFxn8) 0)
```

#### 4.3.4.17 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__loggerObj ti_catalog_arm_↵  
cortexm4_tiva_ce_Boot_Module__loggerObj__C = ((CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_↵  
Module__loggerObj) 0)
```

#### 4.3.4.18 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Module__startupDoneFxn ti_catalog_↵  
arm_cortexm4_tiva_ce_Boot_Module__startupDoneFxn__C = ((CT__ti_catalog_arm_cortexm4_tiva_ce_↵  
_Boot_Module__startupDoneFxn) 0)
```

#### 4.3.4.19 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Object\_\_count\_\_C

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Object__count ti_catalog_arm_cortexm4_↵  
_tiva_ce_Boot_Object__count__C = 0
```

**4.3.4.20 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Object\_heap\_\_C**

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Object_heap ti_catalog_arm_cortexm4_↵
tiva_ce_Boot_Object_heap__C = 0
```

**4.3.4.21 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Object\_sizeof\_\_C**

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Object_sizeof ti_catalog_arm_cortexm4_↵
_tiva_ce_Boot_Object_sizeof__C = 0
```

**4.3.4.22 ti\_catalog\_arm\_cortexm4\_tiva\_ce\_Boot\_Object\_table\_\_C**

```
__FAR__ const CT__ti_catalog_arm_cortexm4_tiva_ce_Boot_Object_table ti_catalog_arm_cortexm4_↵
_tiva_ce_Boot_Object_table__C = 0
```

**4.3.4.23 ti\_sysbios\_BIOS\_clockEnabled\_\_C**

```
__FAR__ const CT__ti_sysbios_BIOS_clockEnabled ti_sysbios_BIOS_clockEnabled__C = 1
```

**4.3.4.24 ti\_sysbios\_BIOS\_cpuFreq\_\_C**

```
__FAR__ const CT__ti_sysbios_BIOS_cpuFreq ti_sysbios_BIOS_cpuFreq__C
```

**Initial value:**

```
= {
    (xdc_Bits32)0x0,
    (xdc_Bits32)0x7270e00,
}
```

**4.3.4.25 ti\_sysbios\_BIOS\_heapSection\_\_C**

```
__FAR__ const CT__ti_sysbios_BIOS_heapSection ti_sysbios_BIOS_heapSection__C = 0
```

**4.3.4.26 ti\_sysbios\_BIOS\_heapSize\_\_C**

```
__FAR__ const CT__ti_sysbios_BIOS_heapSize ti_sysbios_BIOS_heapSize__C = (xdc_SizeT)0x400
```

#### 4.3.4.27 ti\_sysbios\_BIOS\_heapTrackEnabled\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_heapTrackEnabled ti_sysbios_BIOS_heapTrackEnabled__C = 0
```

#### 4.3.4.28 ti\_sysbios\_BIOS\_installedErrorHook\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_installedErrorHook ti_sysbios_BIOS_installedErrorHook__C =  
((CT__ti_sysbios_BIOS_installedErrorHook)((xdc_Fxn)xdc_runtime_Error_print__E))
```

#### 4.3.4.29 ti\_sysbios\_BIOS\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__diagsEnabled ti_sysbios_BIOS_Module__diagsEnabled__C =  
(xdc_Bits32)0x90
```

#### 4.3.4.30 ti\_sysbios\_BIOS\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__diagsIncluded ti_sysbios_BIOS_Module__diagsIncluded__C =  
(xdc_Bits32)0x90
```

#### 4.3.4.31 ti\_sysbios\_BIOS\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__diagsMask ti_sysbios_BIOS_Module__diagsMask__C =  
((CT__ti_sysbios_BIOS_Module__diagsMask)0)
```

#### 4.3.4.32 ti\_sysbios\_BIOS\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__gateObj ti_sysbios_BIOS_Module__gateObj__C = ((CT__ti_sysbios_BIOS_Module__gateObj)0)
```

#### 4.3.4.33 ti\_sysbios\_BIOS\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__gatePrms ti_sysbios_BIOS_Module__gatePrms__C = ((CT__ti_sysbios_BIOS_Module__gatePrms)0)
```

#### 4.3.4.34 ti\_sysbios\_BIOS\_Module\_\_id\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__id ti_sysbios_BIOS_Module__id__C = (xdc_Bits16)0x8021
```

#### 4.3.4.35 ti\_sysbios\_BIOS\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__loggerDefined ti_sysbios_BIOS_Module__loggerDefined__C = 0
```

#### 4.3.4.36 ti\_sysbios\_BIOS\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__loggerFxn0 ti_sysbios_BIOS_Module__loggerFxn0__C = ((CT__ti_sysbios_BIOS_Module__loggerFxn0)0)
```

#### 4.3.4.37 ti\_sysbios\_BIOS\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__loggerFxn1 ti_sysbios_BIOS_Module__loggerFxn1__C = ((CT__ti_sysbios_BIOS_Module__loggerFxn1)0)
```

#### 4.3.4.38 ti\_sysbios\_BIOS\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__loggerFxn2 ti_sysbios_BIOS_Module__loggerFxn2__C = ((CT__ti_sysbios_BIOS_Module__loggerFxn2)0)
```

#### 4.3.4.39 ti\_sysbios\_BIOS\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__loggerFxn4 ti_sysbios_BIOS_Module__loggerFxn4__C = ((CT__ti_sysbios_BIOS_Module__loggerFxn4)0)
```

#### 4.3.4.40 ti\_sysbios\_BIOS\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Module__loggerFxn8 ti_sysbios_BIOS_Module__loggerFxn8__C = ((CT__ti_sysbios_BIOS_Module__loggerFxn8)0)
```

**4.3.4.41 ti\_sysbios\_BIOS\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__ti_sysbios_BIOS_Module__loggerObj ti_sysbios_BIOS_Module__loggerObj__C =
((CT__ti_sysbios_BIOS_Module__loggerObj)0)
```

**4.3.4.42 ti\_sysbios\_BIOS\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__ti_sysbios_BIOS_Module__startupDoneFxn ti_sysbios_BIOS_Module__startupDone←
Fxn__C = ((CT__ti_sysbios_BIOS_Module__startupDoneFxn)0)
```

**4.3.4.43 ti\_sysbios\_BIOS\_Module\_\_state\_\_V**

```
ti_sysbios_BIOS_Module_State__ ti_sysbios_BIOS_Module__state__V
```

**Initial value:**

```
= {
    {
        (xdc_Bits32)0x0,
        (xdc_Bits32)0x7270e00,
    },
    (xdc_UInt)0x0,
    ((xdc_IArg)(0x0)),
    (ti_sysbios_BIOS_RtsGateProxy_Handle)&ti_sysbios_gates_GateMutex_Object__table__V[1],
    ti_sysbios_BIOS_ThreadType_Main,
    ((void*)0),
    ((xdc_Void*)(xdc_Void))((xdc_Fxn)ti_sysbios_BIOS_startFunc)),
    ((xdc_Void*)(xdc_Int))((xdc_Fxn)ti_sysbios_BIOS_exitFunc)),
}
```

**4.3.4.44 ti\_sysbios\_BIOS\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_BIOS_Object__count ti_sysbios_BIOS_Object__count__C = 0
```

**4.3.4.45 ti\_sysbios\_BIOS\_Object\_\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_BIOS_Object__heap ti_sysbios_BIOS_Object__heap__C = 0
```

**4.3.4.46 ti\_sysbios\_BIOS\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_BIOS_Object__sizeof ti_sysbios_BIOS_Object__sizeof__C = 0
```

#### 4.3.4.47 ti\_sysbios\_BIOS\_Object\_\_table\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_Object__table ti_sysbios_BIOS_Object__table__C = 0
```

#### 4.3.4.48 ti\_sysbios\_BIOS\_RtsGateProxy\_Module\_\_root\_\_V

```
ti_sysbios_BIOS_RtsGateProxy_Module__ ti_sysbios_BIOS_RtsGateProxy_Module__root__V [extern]
```

#### 4.3.4.49 ti\_sysbios\_BIOS\_runtimeCreatesEnabled\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_runtimeCreatesEnabled ti_sysbios_BIOS_runtimeCreatesEnabled__C = 1
```

#### 4.3.4.50 ti\_sysbios\_BIOS\_setupSecureContext\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_setupSecureContext ti_sysbios_BIOS_setupSecureContext__C = 0
```

#### 4.3.4.51 ti\_sysbios\_BIOS\_smpEnabled\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_smpEnabled ti_sysbios_BIOS_smpEnabled__C = 0
```

#### 4.3.4.52 ti\_sysbios\_BIOS\_swiEnabled\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_swiEnabled ti_sysbios_BIOS_swiEnabled__C = 1
```

#### 4.3.4.53 ti\_sysbios\_BIOS\_taskEnabled\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_taskEnabled ti_sysbios_BIOS_taskEnabled__C = 1
```



#### 4.3.4.54 ti\_sysbios\_BIOS\_useSK\_\_C

```
__FAR__ const CT__ti_sysbios_BIOS_useSK ti_sysbios_BIOS_useSK__C = 0
```

#### 4.3.4.55 ti\_sysbios\_family\_arm\_lm4\_Timer\_anyMask\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_anyMask ti_sysbios_family_arm_lm4_Timer_↔  
anyMask__C = (xdc_UInt)0xff
```

#### 4.3.4.56 ti\_sysbios\_family\_arm\_lm4\_Timer\_disableFunc\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_disableFunc ti_sysbios_family_arm_lm4_↔  
Timer_disableFunc__C = ((CT__ti_sysbios_family_arm_lm4_Timer_disableFunc)((xdc_Fxn)ti_sysbios_family_arm_lm4_T
```

#### 4.3.4.57 ti\_sysbios\_family\_arm\_lm4\_Timer\_E\_cannotSupport\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_E_cannotSupport ti_sysbios_family_arm_lm4_↔  
Timer_E_cannotSupport__C = (((xdc_runtime_Error_Id)4597) << 16 | 0)
```

#### 4.3.4.58 ti\_sysbios\_family\_arm\_lm4\_Timer\_E\_invalidTimer\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_E_invalidTimer ti_sysbios_family_arm_lm4_↔  
Timer_E_invalidTimer__C = (((xdc_runtime_Error_Id)4522) << 16 | 0)
```

#### 4.3.4.59 ti\_sysbios\_family\_arm\_lm4\_Timer\_E\_noaltclk\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_E_noaltclk ti_sysbios_family_arm_lm4_Timer_↔  
E_noaltclk__C = (((xdc_runtime_Error_Id)4781) << 16 | 0)
```

#### 4.3.4.60 ti\_sysbios\_family\_arm\_lm4\_Timer\_E\_notAvailable\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_E_notAvailable ti_sysbios_family_arm_lm4_↔  
Timer_E_notAvailable__C = (((xdc_runtime_Error_Id)4558) << 16 | 0)
```

#### 4.3.4.61 ti\_sysbios\_family\_arm\_lm4\_Timer\_enableFunc\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_enableFunc ti_sysbios_family_arm_lm4_Timer↵  
_enableFunc__C = ((CT__ti_sysbios_family_arm_lm4_Timer_enableFunc)((xdc_Fxn)ti_sysbios_family_arm_lm4_Timer_↵
```

#### 4.3.4.62 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__diagsEnabled ti_sysbios_family_arm↵  
_lm4_Timer_Module__diagsEnabled__C = (xdc_Bits32)0x90
```

#### 4.3.4.63 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__diagsIncluded ti_sysbios_family_↵  
arm_lm4_Timer_Module__diagsIncluded__C = (xdc_Bits32)0x90
```

#### 4.3.4.64 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__diagsMask ti_sysbios_family_arm_↵  
lm4_Timer_Module__diagsMask__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__diagsMask)0)
```

#### 4.3.4.65 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__gateObj ti_sysbios_family_arm_lm4_↵  
Timer_Module__gateObj__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__gateObj)0)
```

#### 4.3.4.66 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__gatePrms ti_sysbios_family_arm_lm4_↵  
_Timer_Module__gatePrms__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__gatePrms)0)
```

#### 4.3.4.67 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_id\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__id ti_sysbios_family_arm_lm4_Timer↵  
_Module__id__C = (xdc_Bits16)0x802e
```

#### 4.3.4.68 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerDefined ti_sysbios_family_arm_lm4_Timer_Module__loggerDefined__C = 0
```

#### 4.3.4.69 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn0 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn0__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn0)0)
```

#### 4.3.4.70 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn1 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn1__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn1)0)
```

#### 4.3.4.71 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn2 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn2__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn2)0)
```

#### 4.3.4.72 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn4 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn4__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn4)0)
```

#### 4.3.4.73 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn8 ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn8__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerFxn8)0)
```

#### 4.3.4.74 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerObj ti_sysbios_family_arm_lm4_Timer_Module__loggerObj__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__loggerObj)0)
```

#### 4.3.4.75 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_root\_\_V

```
ti_sysbios_family_arm_lm4_Timer_Module__ ti_sysbios_family_arm_lm4_Timer_Module__root__V
```

##### Initial value:

```
= {
    {&ti_sysbios_family_arm_lm4_Timer_Module__root__V.link,
      &ti_sysbios_family_arm_lm4_Timer_Module__root__V.link},
}
```

#### 4.3.4.76 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Module__startupDoneFxn ti_sysbios_family_↵
_arm_lm4_Timer_Module__startupDoneFxn__C = ((CT__ti_sysbios_family_arm_lm4_Timer_Module__↵
startupDoneFxn) 0)
```

#### 4.3.4.77 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_\_state\_\_V

```
ti_sysbios_family_arm_lm4_Timer_Module_State__ ti_sysbios_family_arm_lm4_Timer_Module__state↵
__V
```

##### Initial value:

```
= {
    (xdc_UInt) 0xfe,
    ((void*)ti_sysbios_family_arm_lm4_Timer_Module_State_0_device__A),
    ((void*)ti_sysbios_family_arm_lm4_Timer_Module_State_0_handles__A),
}
```

#### 4.3.4.78 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_State\_0\_device\_\_A

```
__T1_ti_sysbios_family_arm_lm4_Timer_Module_State__device ti_sysbios_family_arm_lm4_Timer_↵
Module_State_0_device__A
```

#### 4.3.4.79 ti\_sysbios\_family\_arm\_lm4\_Timer\_Module\_State\_0\_handles\_\_A

```
__T1_ti_sysbios_family_arm_lm4_Timer_Module_State__handles ti_sysbios_family_arm_lm4_Timer_↵
Module_State_0_handles__A
```

##### Initial value:

```
= {
    (ti_sysbios_family_arm_lm4_Timer_Handle)&ti_sysbios_family_arm_lm4_Timer_Object__table__V[0],
    0,
    0,
    0,
    0,
    0,
    0,
    0,
    0,
}
```

**4.3.4.80 ti\_sysbios\_family\_arm\_lm4\_Timer\_numTimerDevices\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_numTimerDevices ti_sysbios_family_arm_lm4_↵
Timer_numTimerDevices__C = (xdc_Int)0x8
```

**4.3.4.81 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Object__count ti_sysbios_family_arm_lm4_↵
Timer_Object__count__C = 1
```

**4.3.4.82 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_DESC\_\_C**

```
__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_family_arm_lm4_Timer_Object__DESC__C
```

**Initial value:**

```
= {
    (xdc_CPtr)0,
    &ti_sysbios_family_arm_lm4_Timer_Module__root__V.link,
    sizeof(ti_sysbios_family_arm_lm4_Timer__S1) - sizeof(ti_sysbios_family_arm_lm4_Timer_Object2__),
    0,
    0,
    sizeof(ti_sysbios_family_arm_lm4_Timer_Object2__),
    (xdc_CPtr)&ti_sysbios_family_arm_lm4_Timer_Object__PARAMS__C,
    sizeof(ti_sysbios_family_arm_lm4_Timer_Params),
}
```

**4.3.4.83 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Object__heap ti_sysbios_family_arm_lm4_↵
Timer_Object__heap__C = 0
```

**4.3.4.84 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_PARAMS\_\_C**

```
__FAR__ const ti_sysbios_family_arm_lm4_Timer_Params ti_sysbios_family_arm_lm4_Timer_Object_↵
PARAMS__C
```

**Initial value:**

```
= {
    sizeof (ti_sysbios_family_arm_lm4_Timer_Params),
    0,
    0,
    (xdc_runtime_IInstance_Params*)&ti_sysbios_family_arm_lm4_Timer_Object__PARAMS__C.__iprms,
    ti_sysbios_interfaces_ITimer_RunMode_CONTINUOUS,
    ti_sysbios_interfaces_ITimer_StartMode_AUTO,
    ((xdc_UArg)0),
    (xdc_UInt32)0x0,
    ti_sysbios_interfaces_ITimer_PeriodType_MICROSECS,
    {
        (xdc_Bits32)0x0,
        (xdc_Bits32)0x0,
    },
    ((ti_sysbios_family_arm_m3_Hwi_Params*)0),
    (xdc_UInt)0xffffffff,
    0,
    {
        sizeof (xdc_runtime_IInstance_Params),
        0,
    },
}
```

#### 4.3.4.85 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_sizeof\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Object__sizeof ti_sysbios_family_arm_lm4__↵
Timer_Object__sizeof__C = sizeof(ti_sysbios_family_arm_lm4_Timer_Object__)
```

#### 4.3.4.86 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_table\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_Object__table ti_sysbios_family_arm_lm4__↵
Timer_Object__table__C = ti_sysbios_family_arm_lm4_Timer_Object__table__V
```

#### 4.3.4.87 ti\_sysbios\_family\_arm\_lm4\_Timer\_Object\_\_table\_\_V

```
ti_sysbios_family_arm_lm4_Timer_Object__ ti_sysbios_family_arm_lm4_Timer_Object__table__V
```

##### Initial value:

```
= {
    {
        0,
        1,
        (xdc_Int)0x0,
        ti_sysbios_interfaces_ITimer_RunMode_CONTINUOUS,
        ti_sysbios_interfaces_ITimer_StartMode_AUTO,
        (xdc_UInt)0x1d4c0,
        ti_sysbios_interfaces_ITimer_PeriodType_COUNTS,
        (xdc_UInt)0x23,
        ((xdc_UArg)0),
        ((xdc_Void*)(xdc_UArg))((xdc_Fxn)ti_sysbios_knl_Clock_doTick__I)),
        {
            (xdc_Bits32)0x0,
            (xdc_Bits32)0x0,
        },
        (ti_sysbios_family_arm_m3_Hwi_Handle)&ti_sysbios_family_arm_m3_Hwi_Object__table__V[0],
        (xdc_UInt)0xffffffff,
        (xdc_UInt)0x0,
        (xdc_UInt)0x0,
        0,
    },
}
```

#### 4.3.4.88 ti\_sysbios\_family\_arm\_lm4\_Timer\_startupNeeded\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_startupNeeded ti_sysbios_family_arm_lm4__↵
Timer_startupNeeded__C = (xdc_UInt)0x1
```

#### 4.3.4.89 ti\_sysbios\_family\_arm\_lm4\_Timer\_supportsAltclk\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_lm4_Timer_supportsAltclk ti_sysbios_family_arm_lm4__↵
Timer_supportsAltclk__C = 1
```

#### 4.3.4.90 ti\_sysbios\_family\_arm\_m3\_Hwi\_A\_unsupportedMaskingOption\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_A_unsupportedMaskingOption ti_sysbios_family_↵  
arm_m3_Hwi_A_unsupportedMaskingOption__C = (((xdc_runtime_Assert_Id)2092) << 16 | 16)
```

#### 4.3.4.91 ti\_sysbios\_family\_arm\_m3\_Hwi\_ccr\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_ccr ti_sysbios_family_arm_m3_Hwi_ccr__C = (xdc_↵  
_UInt32)0x200
```

#### 4.3.4.92 ti\_sysbios\_family\_arm\_m3\_Hwi\_disablePriority\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_disablePriority ti_sysbios_family_arm_m3_Hwi_↵  
disablePriority__C = (xdc_UInt)0x20
```

#### 4.3.4.93 ti\_sysbios\_family\_arm\_m3\_Hwi\_dispatcherAutoNestingSupport\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_dispatcherAutoNestingSupport ti_sysbios_↵  
family_arm_m3_Hwi_dispatcherAutoNestingSupport__C = 1
```

#### 4.3.4.94 ti\_sysbios\_family\_arm\_m3\_Hwi\_dispatcherIrpTrackingSupport\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_dispatcherIrpTrackingSupport ti_sysbios_↵  
family_arm_m3_Hwi_dispatcherIrpTrackingSupport__C = 1
```

#### 4.3.4.95 ti\_sysbios\_family\_arm\_m3\_Hwi\_dispatcherSwiSupport\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_dispatcherSwiSupport ti_sysbios_family_arm_m3_↵  
_Hwi_dispatcherSwiSupport__C = 1
```

#### 4.3.4.96 ti\_sysbios\_family\_arm\_m3\_Hwi\_dispatcherTaskSupport\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_dispatcherTaskSupport ti_sysbios_family_arm_↵  
m3_Hwi_dispatcherTaskSupport__C = 1
```

#### 4.3.4.97 ti\_sysbios\_family\_arm\_m3\_Hwi\_dispatchTable

```
UInt32 ti_sysbios_family_arm_m3_Hwi_dispatchTable[216]
```

#### 4.3.4.98 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_alreadyDefined\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_alreadyDefined ti_sysbios_family_arm_m3_Hwi_↵  
_E_alreadyDefined__C = (((xdc_runtime_Error_Id)4036) << 16 | 0)
```

#### 4.3.4.99 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_busFault\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_busFault ti_sysbios_family_arm_m3_Hwi_E_↵  
Fault__C = (((xdc_runtime_Error_Id)4421) << 16 | 0)
```

#### 4.3.4.100 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_debugMon\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_debugMon ti_sysbios_family_arm_m3_Hwi_E_↵  
debugMon__C = (((xdc_runtime_Error_Id)4489) << 16 | 0)
```

#### 4.3.4.101 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_exception\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_exception ti_sysbios_family_arm_m3_Hwi_E_↵  
exception__C = (((xdc_runtime_Error_Id)4132) << 16 | 0)
```

#### 4.3.4.102 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_hardFault\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_hardFault ti_sysbios_family_arm_m3_Hwi_E_↵  
hardFault__C = (((xdc_runtime_Error_Id)4375) << 16 | 0)
```

#### 4.3.4.103 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_hwiLimitExceeded\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_hwiLimitExceeded ti_sysbios_family_arm_m3_↵  
Hwi_E_hwiLimitExceeded__C = (((xdc_runtime_Error_Id)4084) << 16 | 0)
```



**4.3.4.104 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_memFault\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_memFault ti_sysbios_family_arm_m3_Hwi_E_memFault__C = (((xdc_runtime_Error_Id)4391) << 16 | 0)
```

**4.3.4.105 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_NMI\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_NMI ti_sysbios_family_arm_m3_Hwi_E_NMI__C = (((xdc_runtime_Error_Id)4365) << 16 | 0)
```

**4.3.4.106 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_noIsr\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_noIsr ti_sysbios_family_arm_m3_Hwi_E_noIsr__C = (((xdc_runtime_Error_Id)4337) << 16 | 0)
```

**4.3.4.107 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_reserved\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_reserved ti_sysbios_family_arm_m3_Hwi_E_reserved__C = (((xdc_runtime_Error_Id)4504) << 16 | 0)
```

**4.3.4.108 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_svCall\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_svCall ti_sysbios_family_arm_m3_Hwi_E_svCall__C = (((xdc_runtime_Error_Id)4468) << 16 | 0)
```

**4.3.4.109 ti\_sysbios\_family\_arm\_m3\_Hwi\_E\_usageFault\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_E_usageFault ti_sysbios_family_arm_m3_Hwi_E_usageFault__C = (((xdc_runtime_Error_Id)4451) << 16 | 0)
```

**4.3.4.110 ti\_sysbios\_family\_arm\_m3\_Hwi\_excHandlerFunc\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_excHandlerFunc ti_sysbios_family_arm_m3_Hwi_excHandlerFunc__C = ((CT__ti_sysbios_family_arm_m3_Hwi_excHandlerFunc)((xdc_Fxn)ti_sysbios_family_arm_m3_Hwi_excHandlerMax__I))
```

**4.3.4.111 ti\_sysbios\_family\_arm\_m3\_Hwi\_excHookFunc\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_excHookFunc ti_sysbios_family_arm_m3_Hwi_exc↵
HookFunc__C = ((CT__ti_sysbios_family_arm_m3_Hwi_excHookFunc)0)
```

**4.3.4.112 ti\_sysbios\_family\_arm\_m3\_Hwi\_excHookFuncs\_\_A**

```
const __T1_ti_sysbios_family_arm_m3_Hwi_excHookFuncs ti_sysbios_family_arm_m3_Hwi_excHook↵
Funcs__A
```

**Initial value:**

```
= {
    ((xdc_Void*)(ti_sysbios_family_arm_m3_Hwi_ExcContext*))0),
    ((xdc_Void*)(ti_sysbios_family_arm_m3_Hwi_ExcContext*))0),
}
```

**4.3.4.113 ti\_sysbios\_family\_arm\_m3\_Hwi\_excHookFuncs\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_excHookFuncs ti_sysbios_family_arm_m3_Hwi_exc↵
HookFuncs__C = ((CT__ti_sysbios_family_arm_m3_Hwi_excHookFuncs)ti_sysbios_family_arm_m3_Hwi_excHookFuncs__A)
```

**4.3.4.114 ti\_sysbios\_family\_arm\_m3\_Hwi\_hooks\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_hooks ti_sysbios_family_arm_m3_Hwi_hooks__C =
{0, 0}
```

**4.3.4.115 ti\_sysbios\_family\_arm\_m3\_Hwi\_LD\_end\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_LD_end ti_sysbios_family_arm_m3_Hwi_LD_end__C =
(((xdc_runtime_Log_Event)5879) << 16 | 512)
```

**4.3.4.116 ti\_sysbios\_family\_arm\_m3\_Hwi\_LM\_begin\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_LM_begin ti_sysbios_family_arm_m3_Hwi_LM_↵
begin__C = (((xdc_runtime_Log_Event)5809) << 16 | 768)
```

**4.3.4.117 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__diagsEnabled ti_sysbios_family_arm_m3_↵  
_Hwi_Module__diagsEnabled__C = (xdc_Bits32)0x90
```

**4.3.4.118 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__diagsIncluded ti_sysbios_family_arm_↵  
m3_Hwi_Module__diagsIncluded__C = (xdc_Bits32)0x90
```

**4.3.4.119 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__diagsMask ti_sysbios_family_arm_m3_↵  
Hwi_Module__diagsMask__C = ((CT__ti_sysbios_family_arm_m3_Hwi_Module__diagsMask)0)
```

**4.3.4.120 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__gateObj ti_sysbios_family_arm_m3_Hwi_↵  
Module__gateObj__C = ((CT__ti_sysbios_family_arm_m3_Hwi_Module__gateObj)0)
```

**4.3.4.121 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__gatePrms ti_sysbios_family_arm_m3_Hwi_↵  
_Module__gatePrms__C = ((CT__ti_sysbios_family_arm_m3_Hwi_Module__gatePrms)0)
```

**4.3.4.122 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_id\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__id ti_sysbios_family_arm_m3_Hwi_↵  
Module__id__C = (xdc_Bits16)0x8025
```

**4.3.4.123 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerDefined ti_sysbios_family_arm_↵  
m3_Hwi_Module__loggerDefined__C = 0
```

**4.3.4.124 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerFxn0\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn0 ti_sysbios_family_arm_m3_↵
Hwi_Module__loggerFxn0__C = ((CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn0)0)
```

**4.3.4.125 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerFxn1\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn1 ti_sysbios_family_arm_m3_↵
Hwi_Module__loggerFxn1__C = ((CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn1)0)
```

**4.3.4.126 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerFxn2\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn2 ti_sysbios_family_arm_m3_↵
Hwi_Module__loggerFxn2__C = ((CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn2)0)
```

**4.3.4.127 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerFxn4\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn4 ti_sysbios_family_arm_m3_↵
Hwi_Module__loggerFxn4__C = ((CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn4)0)
```

**4.3.4.128 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn8 ti_sysbios_family_arm_m3_↵
Hwi_Module__loggerFxn8__C = ((CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerFxn8)0)
```

**4.3.4.129 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerObj ti_sysbios_family_arm_m3_↵
Hwi_Module__loggerObj__C = ((CT__ti_sysbios_family_arm_m3_Hwi_Module__loggerObj)0)
```

**4.3.4.130 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_root\_\_V**

```
ti_sysbios_family_arm_m3_Hwi_Module__ ti_sysbios_family_arm_m3_Hwi_Module__root__V
```

**Initial value:**

```
= {
    {&ti_sysbios_family_arm_m3_Hwi_Module__root__V.link,
      &ti_sysbios_family_arm_m3_Hwi_Module__root__V.link},
}
```

**4.3.4.131 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT_ti_sysbios_family_arm_m3_Hwi_Module__startupDoneFxn ti_sysbios_family_arm_m3_Hwi_Module__startupDoneFxn__C = ((CT_ti_sysbios_family_arm_m3_Hwi_Module__startupDoneFxn) 0)
```

**4.3.4.132 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_\_state\_\_V**

```
ti_sysbios_family_arm_m3_Hwi_Module_State__ ti_sysbios_family_arm_m3_Hwi_Module__state__V
```

**Initial value:**

```
= {
    ((xdc_Char*)0),
    ((void*)ti_sysbios_family_arm_m3_Hwi_Module_State_0_excActive__A),
    ((void*)ti_sysbios_family_arm_m3_Hwi_Module_State_0_excContext__A),
    ((void*)ti_sysbios_family_arm_m3_Hwi_Module_State_0_excStack__A),
    ((xdc_Ptr)0),
    ((xdc_Ptr)((void*)&__TI_STACK_BASE)),
    (xdc_SizeT)0x300,
    ((xdc_Ptr)(0x20000000)),
    (xdc_UInt)0x101,
    ((xdc_Ptr)((void*)&ti_sysbios_family_arm_m3_Hwi_dispatchTable[0])),
    0,
    ((void*)0),
    ((void*)0),
}
```

**4.3.4.133 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_0\_excActive\_\_A**

```
__Tl_ti_sysbios_family_arm_m3_Hwi_Module_State__excActive ti_sysbios_family_arm_m3_Hwi_Module_State_0_excActive__A
```

**Initial value:**

```
= {
    0,
}
```

**4.3.4.134 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_0\_excContext\_\_A**

```
__Tl_ti_sysbios_family_arm_m3_Hwi_Module_State__excContext ti_sysbios_family_arm_m3_Hwi_Module_State_0_excContext__A
```

**Initial value:**

```
= {
    ((ti_sysbios_family_arm_m3_Hwi_ExcContext*)0),
}
```

#### 4.3.4.135 ti\_sysbios\_family\_arm\_m3\_Hwi\_Module\_State\_0\_excStack\_\_A

```
__Tl_ti_sysbios_family_arm_m3_Hwi_Module_State__excStack ti_sysbios_family_arm_m3_Hwi_Module↵
_State_0_excStack__A
```

##### Initial value:

```
= {
    ((xdc_Ptr)0),
}
```

#### 4.3.4.136 ti\_sysbios\_family\_arm\_m3\_Hwi\_nullIsrFunc\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_nullIsrFunc ti_sysbios_family_arm_m3_Hwi_null↵
IsrFunc__C = ((CT__ti_sysbios_family_arm_m3_Hwi_nullIsrFunc)((xdc_Fxn)ti_sysbios_family_arm_m3_Hwi_excHandlerA
```

#### 4.3.4.137 ti\_sysbios\_family\_arm\_m3\_Hwi\_NUM\_INTERRUPTS\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_NUM_INTERRUPTS ti_sysbios_family_arm_m3_Hwi_↵
NUM_INTERRUPTS__C = (xdc_Int)0xd8
```

#### 4.3.4.138 ti\_sysbios\_family\_arm\_m3\_Hwi\_NUM\_PRIORITIES\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_NUM_PRIORITIES ti_sysbios_family_arm_m3_Hwi_↵
NUM_PRIORITIES__C = (xdc_Int)0x8
```

#### 4.3.4.139 ti\_sysbios\_family\_arm\_m3\_Hwi\_numSparseInterrupts\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_numSparseInterrupts ti_sysbios_family_arm_m3_↵
Hwi_numSparseInterrupts__C = (xdc_UInt)0x0
```

#### 4.3.4.140 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_\_count\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Object__count ti_sysbios_family_arm_m3_Hwi_↵
Object__count__C = 1
```

**4.3.4.141 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_DESC\_\_C**

```
__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_family_arm_m3_Hwi_Object_DESC__C
```

**Initial value:**

```
= {
    (xdc_CPtr)0,
    &ti_sysbios_family_arm_m3_Hwi_Module__root__V.link,
    sizeof(ti_sysbios_family_arm_m3_Hwi__S1) - sizeof(ti_sysbios_family_arm_m3_Hwi_Object2__),
    0,
    0,
    sizeof(ti_sysbios_family_arm_m3_Hwi_Object2__),
    (xdc_CPtr)&ti_sysbios_family_arm_m3_Hwi_Object__PARAMS__C,
    sizeof(ti_sysbios_family_arm_m3_Hwi_Params),
}
```

**4.3.4.142 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Object__heap ti_sysbios_family_arm_m3_Hwi_↔
Object__heap__C = 0
```

**4.3.4.143 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_PARAMS\_\_C**

```
__FAR__ const ti_sysbios_family_arm_m3_Hwi_Params ti_sysbios_family_arm_m3_Hwi_Object__↔
PARAMS__C
```

**Initial value:**

```
= {
    sizeof (ti_sysbios_family_arm_m3_Hwi_Params),
    0,
    0,
    (xdc_runtime_Instance_Params*)&ti_sysbios_family_arm_m3_Hwi_Object__PARAMS__C.__iprms,
    ti_sysbios_interfaces_IHwi_MaskingOption_LOWER,
    ((xdc_UArg) (0x0)),
    1,
    (xdc_Int) (-0x0 - 1),
    (xdc_Int) 0xff,
    1,
    {
        sizeof (xdc_runtime_Instance_Params),
        0,
    },
}
```

**4.3.4.144 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Object__sizeof ti_sysbios_family_arm_m3_Hwi_↔
Object__sizeof__C = sizeof(ti_sysbios_family_arm_m3_Hwi_Object__)
```

#### 4.3.4.145 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_table\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_Object__table ti_sysbios_family_arm_m3_Hwi_↵
Object__table__C = ti_sysbios_family_arm_m3_Hwi_Object__table__V
```

#### 4.3.4.146 ti\_sysbios\_family\_arm\_m3\_Hwi\_Object\_table\_\_V

```
ti_sysbios_family_arm_m3_Hwi_Object__ ti_sysbios_family_arm_m3_Hwi_Object__table__V
```

##### Initial value:

```
= {
    {
        0,
        ((xdc_UArg)((void*)(ti_sysbios_family_arm_lm4_Timer_Handle)&ti_sysbios_family_arm_lm4_Timer_Object__table__V[0])),
        ((xdc_Void*)(xdc_UArg))((xdc_Fxn)ti_sysbios_family_arm_lm4_Timer_isrStub__E),
        ((xdc_UArg)(0x3)),
        ((xdc_UInt8)0xff),
        ((xdc_Int16)0x23),
        ((void*)0),
    },
}
```

#### 4.3.4.147 ti\_sysbios\_family\_arm\_m3\_Hwi\_priGroup\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_priGroup ti_sysbios_family_arm_m3_Hwi_pri↵
Group__C = (xdc_UInt)0x0
```

#### 4.3.4.148 ti\_sysbios\_family\_arm\_m3\_Hwi\_ramVectors

```
UInt32 ti_sysbios_family_arm_m3_Hwi_ramVectors[216]
```

#### 4.3.4.149 ti\_sysbios\_family\_arm\_m3\_Hwi\_resetVectors

```
const UInt32 ti_sysbios_family_arm_m3_Hwi_resetVectors[]
```

##### Initial value:

```
= {
    (UInt32)(&__TI_STACK_BASE),
    (UInt32)(&__c_int00),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_excHandlerAsm__I),
    (UInt32)(&ti_sysbios_family_arm_m3_Hwi_pendSV__I),
}
```



#### 4.3.4.150 ti\_sysbios\_family\_arm\_m3\_Hwi\_swiDisable\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_swiDisable ti_sysbios_family_arm_m3_Hwi_swi↵  
Disable__C = ((CT__ti_sysbios_family_arm_m3_Hwi_swiDisable)((xdc_Fxn)ti_sysbios_knl_Swi_disable__E))
```

#### 4.3.4.151 ti\_sysbios\_family\_arm\_m3\_Hwi\_swiRestoreHwi\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_swiRestoreHwi ti_sysbios_family_arm_m3_Hwi_swi↵  
swiRestoreHwi__C = ((CT__ti_sysbios_family_arm_m3_Hwi_swiRestoreHwi)((xdc_Fxn)ti_sysbios_knl_Swi_restoreHwi__E))
```

#### 4.3.4.152 ti\_sysbios\_family\_arm\_m3\_Hwi\_taskDisable\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_taskDisable ti_sysbios_family_arm_m3_Hwi_task↵  
Disable__C = ((CT__ti_sysbios_family_arm_m3_Hwi_taskDisable)((xdc_Fxn)ti_sysbios_knl_Task_disable__E))
```

#### 4.3.4.153 ti\_sysbios\_family\_arm\_m3\_Hwi\_taskRestoreHwi\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_Hwi_taskRestoreHwi ti_sysbios_family_arm_m3_Hwi_task↵  
taskRestoreHwi__C = ((CT__ti_sysbios_family_arm_m3_Hwi_taskRestoreHwi)((xdc_Fxn)ti_sysbios_knl_Task_restoreHwi__E))
```

#### 4.3.4.154 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__diagsEnabled ti_sysbios↵  
_family_arm_m3_IntrinsicsSupport_Module__diagsEnabled__C = (xdc_Bits32)0x90
```

#### 4.3.4.155 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__diagsIncluded ti_sysbios↵  
_family_arm_m3_IntrinsicsSupport_Module__diagsIncluded__C = (xdc_Bits32)0x90
```

#### 4.3.4.156 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__diagsMask ti_sysbios↵  
_family_arm_m3_IntrinsicsSupport_Module__diagsMask__C = ((CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__diagsMask)0)
```

#### 4.3.4.157 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_FXNS\_\_C

```
const ti_sysbios_family_arm_m3_IntrinsicsSupport_Fxns__ ti_sysbios_family_arm_m3_Intrinsics__↵
Support_Module__FXNS__C
```

##### Initial value:

```
= {
    (void *)&ti_sysbios_interfaces_IIntrinsicsSupport_Interface__BASE__C,
    &ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__FXNS__C.__sfxns,
    ti_sysbios_family_arm_m3_IntrinsicsSupport_maxbit__E,
    {
        NULL,
        NULL,
        NULL,
        0x8026,
    }
}
```

#### 4.3.4.158 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__gateObj ti_sysbios__↵
family_arm_m3_IntrinsicsSupport_Module__gateObj__C = ((CT__ti_sysbios_family_arm_m3_Intrinsics__↵
Support_Module__gateObj)0)
```

#### 4.3.4.159 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__gatePrms ti_sysbios__↵
family_arm_m3_IntrinsicsSupport_Module__gatePrms__C = ((CT__ti_sysbios_family_arm_m3_Intrinsics__↵
Support_Module__gatePrms)0)
```

#### 4.3.4.160 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_id\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__id ti_sysbios_family__↵
arm_m3_IntrinsicsSupport_Module__id__C = (xdc_Bits16)0x8026
```

#### 4.3.4.161 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerDefined ti_sysbios__↵
_family_arm_m3_IntrinsicsSupport_Module__loggerDefined__C = 0
```

**4.3.4.162 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerFxn0\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn0 ti_sysbios↵  
_family_arm_m3_IntrinsicsSupport_Module__loggerFxn0__C = ((CT__ti_sysbios_family_arm_m3_↵  
IntrinsicsSupport_Module__loggerFxn0) 0)
```

**4.3.4.163 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerFxn1\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn1 ti_sysbios↵  
_family_arm_m3_IntrinsicsSupport_Module__loggerFxn1__C = ((CT__ti_sysbios_family_arm_m3_↵  
IntrinsicsSupport_Module__loggerFxn1) 0)
```

**4.3.4.164 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerFxn2\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn2 ti_sysbios↵  
_family_arm_m3_IntrinsicsSupport_Module__loggerFxn2__C = ((CT__ti_sysbios_family_arm_m3_↵  
IntrinsicsSupport_Module__loggerFxn2) 0)
```

**4.3.4.165 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerFxn4\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn4 ti_sysbios↵  
_family_arm_m3_IntrinsicsSupport_Module__loggerFxn4__C = ((CT__ti_sysbios_family_arm_m3_↵  
IntrinsicsSupport_Module__loggerFxn4) 0)
```

**4.3.4.166 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerFxn8 ti_sysbios↵  
_family_arm_m3_IntrinsicsSupport_Module__loggerFxn8__C = ((CT__ti_sysbios_family_arm_m3_↵  
IntrinsicsSupport_Module__loggerFxn8) 0)
```

**4.3.4.167 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__loggerObj ti_sysbios↵  
_family_arm_m3_IntrinsicsSupport_Module__loggerObj__C = ((CT__ti_sysbios_family_arm_m3_↵  
IntrinsicsSupport_Module__loggerObj) 0)
```

#### 4.3.4.168 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__startupDoneFxn ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__startupDoneFxn__C = ((CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Module__startupDoneFxn)0)
```

#### 4.3.4.169 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Object\_\_count\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__count ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__count__C = 0
```

#### 4.3.4.170 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Object\_\_heap\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__heap ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__heap__C = 0
```

#### 4.3.4.171 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Object\_\_sizeof\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__sizeof ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__sizeof__C = 0
```

#### 4.3.4.172 ti\_sysbios\_family\_arm\_m3\_IntrinsicsSupport\_Object\_\_table\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__table ti_sysbios_family_arm_m3_IntrinsicsSupport_Object__table__C = 0
```

#### 4.3.4.173 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_defaultStackSize\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_defaultStackSize ti_sysbios_family_arm_m3_TaskSupport_defaultStackSize__C = (xdc_SizeT)0x800
```

#### 4.3.4.174 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__diagsEnabled ti_sysbios_family_arm_m3_TaskSupport_Module__diagsEnabled__C = (xdc_Bits32)0x90
```

**4.3.4.175 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__diagsIncluded ti_sysbios_↵  
family_arm_m3_TaskSupport_Module__diagsIncluded__C = (xdc_Bits32)0x90
```

**4.3.4.176 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__diagsMask ti_sysbios_family_↵  
arm_m3_TaskSupport_Module__diagsMask__C = ((CT__ti_sysbios_family_arm_m3_TaskSupport_Module_↵  
__diagsMask) 0)
```

**4.3.4.177 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__gateObj ti_sysbios_family_arm_↵  
m3_TaskSupport_Module__gateObj__C = ((CT__ti_sysbios_family_arm_m3_TaskSupport_Module__gate_↵  
Obj) 0)
```

**4.3.4.178 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__gatePrms ti_sysbios_family_↵  
arm_m3_TaskSupport_Module__gatePrms__C = ((CT__ti_sysbios_family_arm_m3_TaskSupport_Module_↵  
gatePrms) 0)
```

**4.3.4.179 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_id\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__id ti_sysbios_family_arm_m3_↵  
TaskSupport_Module__id__C = (xdc_Bits16)0x8027
```

**4.3.4.180 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerDefined ti_sysbios_↵  
family_arm_m3_TaskSupport_Module__loggerDefined__C = 0
```

#### 4.3.4.181 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn0 ti_sysbios_family_↵  
arm_m3_TaskSupport_Module__loggerFxn0__C = ((CT__ti_sysbios_family_arm_m3_TaskSupport_Module_↵  
__loggerFxn0) 0)
```

#### 4.3.4.182 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn1 ti_sysbios_family_↵  
arm_m3_TaskSupport_Module__loggerFxn1__C = ((CT__ti_sysbios_family_arm_m3_TaskSupport_Module_↵  
__loggerFxn1) 0)
```

#### 4.3.4.183 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn2 ti_sysbios_family_↵  
arm_m3_TaskSupport_Module__loggerFxn2__C = ((CT__ti_sysbios_family_arm_m3_TaskSupport_Module_↵  
__loggerFxn2) 0)
```

#### 4.3.4.184 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn4 ti_sysbios_family_↵  
arm_m3_TaskSupport_Module__loggerFxn4__C = ((CT__ti_sysbios_family_arm_m3_TaskSupport_Module_↵  
__loggerFxn4) 0)
```

#### 4.3.4.185 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerFxn8 ti_sysbios_family_↵  
arm_m3_TaskSupport_Module__loggerFxn8__C = ((CT__ti_sysbios_family_arm_m3_TaskSupport_Module_↵  
__loggerFxn8) 0)
```

#### 4.3.4.186 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__loggerObj ti_sysbios_family_↵  
arm_m3_TaskSupport_Module__loggerObj__C = ((CT__ti_sysbios_family_arm_m3_TaskSupport_Module_↵  
__loggerObj) 0)
```

**4.3.4.187 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Module__startupDoneFxn ti_sysbios_↵  
family_arm_m3_TaskSupport_Module__startupDoneFxn__C = ((CT__ti_sysbios_family_arm_m3_Task↵  
Support_Module__startupDoneFxn) 0)
```

**4.3.4.188 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Object__count ti_sysbios_family_arm_↵  
m3_TaskSupport_Object__count__C = 0
```

**4.3.4.189 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Object\_\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Object__heap ti_sysbios_family_arm_m3_↵  
_TaskSupport_Object__heap__C = 0
```

**4.3.4.190 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Object__sizeof ti_sysbios_family_arm_↵  
m3_TaskSupport_Object__sizeof__C = 0
```

**4.3.4.191 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_Object\_\_table\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_Object__table ti_sysbios_family_arm_↵  
m3_TaskSupport_Object__table__C = 0
```

**4.3.4.192 ti\_sysbios\_family\_arm\_m3\_TaskSupport\_stackAlignment\_\_C**

```
__FAR__ const CT__ti_sysbios_family_arm_m3_TaskSupport_stackAlignment ti_sysbios_family_arm_↵  
m3_TaskSupport_stackAlignment__C = (xdc_UInt) 0x8
```

**4.3.4.193 ti\_sysbios\_gates\_GateHwi\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__diagsEnabled ti_sysbios_gates_GateHwi_↵  
Module__diagsEnabled__C = (xdc_Bits32) 0x90
```

**4.3.4.194 ti\_sysbios\_gates\_GateHwi\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__diagsIncluded ti_sysbios_gates_GateHwi_↵
Module__diagsIncluded__C = (xdc_Bits32)0x90
```

**4.3.4.195 ti\_sysbios\_gates\_GateHwi\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__diagsMask ti_sysbios_gates_GateHwi_Module_↵
__diagsMask__C = ((CT__ti_sysbios_gates_GateHwi_Module__diagsMask)0)
```

**4.3.4.196 ti\_sysbios\_gates\_GateHwi\_Module\_\_FXNS\_\_C**

```
const ti_sysbios_gates_GateHwi_Fxns__ ti_sysbios_gates_GateHwi_Module__FXNS__C
```

**Initial value:**

```
= {
    (void *)&xdc_runtime_IGateProvider_Interface__BASE__C,
    &ti_sysbios_gates_GateHwi_Module__FXNS__C.__sfxns,
    ti_sysbios_gates_GateHwi_query__E,
    ti_sysbios_gates_GateHwi_enter__E,
    ti_sysbios_gates_GateHwi_leave__E,
    {
        ti_sysbios_gates_GateHwi_Object__create__S,
        ti_sysbios_gates_GateHwi_Object__delete__S,
        ti_sysbios_gates_GateHwi_Handle__label__S,
        0x8029,
    }
}
```

**4.3.4.197 ti\_sysbios\_gates\_GateHwi\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__gateObj ti_sysbios_gates_GateHwi_Module_↵
gateObj__C = ((CT__ti_sysbios_gates_GateHwi_Module__gateObj)0)
```

**4.3.4.198 ti\_sysbios\_gates\_GateHwi\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__gatePrms ti_sysbios_gates_GateHwi_Module_↵
__gatePrms__C = ((CT__ti_sysbios_gates_GateHwi_Module__gatePrms)0)
```

**4.3.4.199 ti\_sysbios\_gates\_GateHwi\_Module\_\_id\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__id ti_sysbios_gates_GateHwi_Module__id__C =
(xdc_Bits16)0x8029
```



#### 4.3.4.200 ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerDefined ti_sysbios_gates_GateHwi_↵  
Module__loggerDefined__C = 0
```

#### 4.3.4.201 ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerFxn0 ti_sysbios_gates_GateHwi_↵  
Module__loggerFxn0__C = ((CT__ti_sysbios_gates_GateHwi_Module__loggerFxn0) 0)
```

#### 4.3.4.202 ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerFxn1 ti_sysbios_gates_GateHwi_↵  
Module__loggerFxn1__C = ((CT__ti_sysbios_gates_GateHwi_Module__loggerFxn1) 0)
```

#### 4.3.4.203 ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerFxn2 ti_sysbios_gates_GateHwi_↵  
Module__loggerFxn2__C = ((CT__ti_sysbios_gates_GateHwi_Module__loggerFxn2) 0)
```

#### 4.3.4.204 ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerFxn4 ti_sysbios_gates_GateHwi_↵  
Module__loggerFxn4__C = ((CT__ti_sysbios_gates_GateHwi_Module__loggerFxn4) 0)
```

#### 4.3.4.205 ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerFxn8 ti_sysbios_gates_GateHwi_↵  
Module__loggerFxn8__C = ((CT__ti_sysbios_gates_GateHwi_Module__loggerFxn8) 0)
```

#### 4.3.4.206 ti\_sysbios\_gates\_GateHwi\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__loggerObj ti_sysbios_gates_GateHwi_Module_↵  
__loggerObj__C = ((CT__ti_sysbios_gates_GateHwi_Module__loggerObj) 0)
```

#### 4.3.4.207 ti\_sysbios\_gates\_GateHwi\_Module\_\_root\_\_V

```
ti_sysbios_gates_GateHwi_Module__ ti_sysbios_gates_GateHwi_Module__root__V
```

##### Initial value:

```
= {
    {&ti_sysbios_gates_GateHwi_Module__root__V.link,
      &ti_sysbios_gates_GateHwi_Module__root__V.link},
}
```

#### 4.3.4.208 ti\_sysbios\_gates\_GateHwi\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Module__startupDoneFxn ti_sysbios_gates_GateHwi__↵
Module__startupDoneFxn__C = ((CT__ti_sysbios_gates_GateHwi_Module__startupDoneFxn)0)
```

#### 4.3.4.209 ti\_sysbios\_gates\_GateHwi\_Object\_\_count\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Object__count ti_sysbios_gates_GateHwi_Object__↵
count__C = 1
```

#### 4.3.4.210 ti\_sysbios\_gates\_GateHwi\_Object\_\_DESC\_\_C

```
__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_gates_GateHwi_Object__DESC__C
```

##### Initial value:

```
= {
    (xdc_CPtr)&ti_sysbios_gates_GateHwi_Module__FXNS__C,
    &ti_sysbios_gates_GateHwi_Module__root__V.link,
    sizeof(ti_sysbios_gates_GateHwi__S1) - sizeof(ti_sysbios_gates_GateHwi_Object2__),
    0,
    0,
    sizeof(ti_sysbios_gates_GateHwi_Object2__),
    (xdc_CPtr)&ti_sysbios_gates_GateHwi_Object__PARAMS__C,
    sizeof(ti_sysbios_gates_GateHwi_Params),
}
```

#### 4.3.4.211 ti\_sysbios\_gates\_GateHwi\_Object\_\_heap\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Object__heap ti_sysbios_gates_GateHwi_Object__↵
heap__C = 0
```

**4.3.4.212 ti\_sysbios\_gates\_GateHwi\_Object\_\_PARAMS\_\_C**

```
__FAR__ const ti_sysbios_gates_GateHwi_Params ti_sysbios_gates_GateHwi_Object__PARAMS__C
```

**Initial value:**

```
= {
    sizeof (ti_sysbios_gates_GateHwi_Params),
    0,
    0,
    (xdc_runtime_IInstance_Params*)&ti_sysbios_gates_GateHwi_Object__PARAMS__C.__iprms,
    {
        sizeof (xdc_runtime_IInstance_Params),
        0,
    },
}
```

**4.3.4.213 ti\_sysbios\_gates\_GateHwi\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Object__sizeof ti_sysbios_gates_GateHwi_Object__↵
sizeof__C = sizeof(ti_sysbios_gates_GateHwi_Object__)
```

**4.3.4.214 ti\_sysbios\_gates\_GateHwi\_Object\_\_table\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateHwi_Object__table ti_sysbios_gates_GateHwi_Object__↵
table__C = ti_sysbios_gates_GateHwi_Object__table__V
```

**4.3.4.215 ti\_sysbios\_gates\_GateHwi\_Object\_\_table\_\_V**

```
ti_sysbios_gates_GateHwi_Object__ ti_sysbios_gates_GateHwi_Object__table__V
```

**Initial value:**

```
= {
    {
        &ti_sysbios_gates_GateHwi_Module__FXNS__C,
    },
}
```

**4.3.4.216 ti\_sysbios\_gates\_GateMutex\_A\_badContext\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_A_badContext ti_sysbios_gates_GateMutex_A_bad↵
Context__C = (((xdc_runtime_Assert_Id)2605) << 16 | 16)
```

**4.3.4.217 ti\_sysbios\_gates\_GateMutex\_Instance\_State\_sem\_\_O**

```
__FAR__ const xdc_SizeT ti_sysbios_gates_GateMutex_Instance_State_sem__O = offsetof(ti_sysbios_gates_GateMutex↵
Object_field_sem)
```

**4.3.4.218 ti\_sysbios\_gates\_GateMutex\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__diagsEnabled ti_sysbios_gates_GateMutex↵
_Module__diagsEnabled__C = (xdc_Bits32)0x90
```

**4.3.4.219 ti\_sysbios\_gates\_GateMutex\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__diagsIncluded ti_sysbios_gates_Gate↵
Mutex_Module__diagsIncluded__C = (xdc_Bits32)0x90
```

**4.3.4.220 ti\_sysbios\_gates\_GateMutex\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__diagsMask ti_sysbios_gates_GateMutex↵
_Module__diagsMask__C = ((CT__ti_sysbios_gates_GateMutex_Module__diagsMask)0)
```

**4.3.4.221 ti\_sysbios\_gates\_GateMutex\_Module\_\_FXNS\_\_C**

```
const ti_sysbios_gates_GateMutex_Fxns__ ti_sysbios_gates_GateMutex_Module__FXNS__C
```

**Initial value:**

```
= {
    (void *)&xdc_runtime_IGateProvider_Interface__BASE__C,
    &ti_sysbios_gates_GateMutex_Module__FXNS__C.__sfxns,
    ti_sysbios_gates_GateMutex_query__E,
    ti_sysbios_gates_GateMutex_enter__E,
    ti_sysbios_gates_GateMutex_leave__E,
    {
        ti_sysbios_gates_GateMutex_Object__create__S,
        ti_sysbios_gates_GateMutex_Object__delete__S,
        ti_sysbios_gates_GateMutex_Handle__label__S,
        0x802a,
    }
}
```

**4.3.4.222 ti\_sysbios\_gates\_GateMutex\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__gateObj ti_sysbios_gates_GateMutex↵
_Module__gateObj__C = ((CT__ti_sysbios_gates_GateMutex_Module__gateObj)0)
```

#### 4.3.4.223 ti\_sysbios\_gates\_GateMutex\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__gatePrms ti_sysbios_gates_GateMutex_↵  
Module__gatePrms__C = ((CT__ti_sysbios_gates_GateMutex_Module__gatePrms)0)
```

#### 4.3.4.224 ti\_sysbios\_gates\_GateMutex\_Module\_\_id\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__id ti_sysbios_gates_GateMutex_Module_↵  
id__C = (xdc_Bits16)0x802a
```

#### 4.3.4.225 ti\_sysbios\_gates\_GateMutex\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerDefined ti_sysbios_gates_Gate_↵  
Mutex_Module__loggerDefined__C = 0
```

#### 4.3.4.226 ti\_sysbios\_gates\_GateMutex\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerFxn0 ti_sysbios_gates_GateMutex_↵  
Module__loggerFxn0__C = ((CT__ti_sysbios_gates_GateMutex_Module__loggerFxn0)0)
```

#### 4.3.4.227 ti\_sysbios\_gates\_GateMutex\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerFxn1 ti_sysbios_gates_GateMutex_↵  
Module__loggerFxn1__C = ((CT__ti_sysbios_gates_GateMutex_Module__loggerFxn1)0)
```

#### 4.3.4.228 ti\_sysbios\_gates\_GateMutex\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerFxn2 ti_sysbios_gates_GateMutex_↵  
Module__loggerFxn2__C = ((CT__ti_sysbios_gates_GateMutex_Module__loggerFxn2)0)
```

#### 4.3.4.229 ti\_sysbios\_gates\_GateMutex\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerFxn4 ti_sysbios_gates_GateMutex_↵  
Module__loggerFxn4__C = ((CT__ti_sysbios_gates_GateMutex_Module__loggerFxn4)0)
```

**4.3.4.230 ti\_sysbios\_gates\_GateMutex\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerFxn8 ti_sysbios_gates_GateMutex_↵
Module__loggerFxn8__C = ((CT__ti_sysbios_gates_GateMutex_Module__loggerFxn8)0)
```

**4.3.4.231 ti\_sysbios\_gates\_GateMutex\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__loggerObj ti_sysbios_gates_GateMutex_↵
Module__loggerObj__C = ((CT__ti_sysbios_gates_GateMutex_Module__loggerObj)0)
```

**4.3.4.232 ti\_sysbios\_gates\_GateMutex\_Module\_\_root\_\_V**

```
ti_sysbios_gates_GateMutex_Module__ ti_sysbios_gates_GateMutex_Module__root__V
```

**Initial value:**

```
= {
    {&ti_sysbios_gates_GateMutex_Module__root__V.link,
      &ti_sysbios_gates_GateMutex_Module__root__V.link},
}
```

**4.3.4.233 ti\_sysbios\_gates\_GateMutex\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Module__startupDoneFxn ti_sysbios_gates_Gate_↵
Mutex_Module__startupDoneFxn__C = ((CT__ti_sysbios_gates_GateMutex_Module__startupDoneFxn)0)
```

**4.3.4.234 ti\_sysbios\_gates\_GateMutex\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Object__count ti_sysbios_gates_GateMutex_Object_↵
__count__C = 2
```

**4.3.4.235 ti\_sysbios\_gates\_GateMutex\_Object\_\_DESC\_\_C**

```
__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_gates_GateMutex_Object__DESC__C
```

**Initial value:**

```
= {
    (xdc_CPtr)&ti_sysbios_gates_GateMutex_Module__FXNS__C,
    &ti_sysbios_gates_GateMutex_Module__root__V.link,
    sizeof(ti_sysbios_gates_GateMutex__S1) - sizeof(ti_sysbios_gates_GateMutex_Object2__),
    0,
    0,
    sizeof(ti_sysbios_gates_GateMutex_Object2__),
    (xdc_CPtr)&ti_sysbios_gates_GateMutex_Object__PARAMS__C,
    sizeof(ti_sysbios_gates_GateMutex_Params),
}
```

**4.3.4.236 ti\_sysbios\_gates\_GateMutex\_Object\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Object__heap ti_sysbios_gates_GateMutex_Object__↵
_heap__C = 0
```

**4.3.4.237 ti\_sysbios\_gates\_GateMutex\_Object\_PARAMS\_\_C**

```
__FAR__ const ti_sysbios_gates_GateMutex_Params ti_sysbios_gates_GateMutex_Object__PARAMS__C
```

**Initial value:**

```
= {
    sizeof (ti_sysbios_gates_GateMutex_Params),
    0,
    0,
    (xdc_runtime_IInstance_Params*)&ti_sysbios_gates_GateMutex_Object__PARAMS__C.__iprms,
    {
        sizeof (xdc_runtime_IInstance_Params),
        0,
    },
}
```

**4.3.4.238 ti\_sysbios\_gates\_GateMutex\_Object\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Object__sizeof ti_sysbios_gates_GateMutex__↵
Object__sizeof__C = sizeof(ti_sysbios_gates_GateMutex_Object__)
```

**4.3.4.239 ti\_sysbios\_gates\_GateMutex\_Object\_table\_\_C**

```
__FAR__ const CT__ti_sysbios_gates_GateMutex_Object__table ti_sysbios_gates_GateMutex_Object__↵
_table__C = ti_sysbios_gates_GateMutex_Object__table__V
```

**4.3.4.240 ti\_sysbios\_gates\_GateMutex\_Object\_table\_\_V**

```
ti_sysbios_gates_GateMutex_Object__ ti_sysbios_gates_GateMutex_Object__table__V
```

**4.3.4.241 ti\_sysbios\_hal\_Hwi\_dispatcherAutoNestingSupport\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_dispatcherAutoNestingSupport ti_sysbios_hal_Hwi_dispatcher__↵
AutoNestingSupport__C = 1
```

**4.3.4.242 ti\_sysbios\_hal\_Hwi\_dispatcherIrpTrackingSupport\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_dispatcherIrpTrackingSupport ti_sysbios_hal_Hwi_dispatcherIrpTrackingSupport__C = 1
```

**4.3.4.243 ti\_sysbios\_hal\_Hwi\_dispatcherSwiSupport\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_dispatcherSwiSupport ti_sysbios_hal_Hwi_dispatcherSwiSupport__C = 1
```

**4.3.4.244 ti\_sysbios\_hal\_Hwi\_dispatcherTaskSupport\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_dispatcherTaskSupport ti_sysbios_hal_Hwi_dispatcherTaskSupport__C = 1
```

**4.3.4.245 ti\_sysbios\_hal\_Hwi\_E\_stackOverflow\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_E_stackOverflow ti_sysbios_hal_Hwi_E_stackOverflow__C = ((xdc_runtime_Error_Id)3999) << 16 | 0)
```

**4.3.4.246 ti\_sysbios\_hal\_Hwi\_HwiProxy\_Module\_\_root\_\_V**

```
ti_sysbios_hal_Hwi_HwiProxy_Module__ ti_sysbios_hal_Hwi_HwiProxy_Module__root__V [extern]
```

**4.3.4.247 ti\_sysbios\_hal\_Hwi\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__diagsEnabled ti_sysbios_hal_Hwi_Module__diagsEnabled__C = (xdc_Bits32)0x90
```

**4.3.4.248 ti\_sysbios\_hal\_Hwi\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__diagsIncluded ti_sysbios_hal_Hwi_Module__diagsIncluded__C = (xdc_Bits32)0x90
```



**4.3.4.249 ti\_sysbios\_hal\_Hwi\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__diagsMask ti_sysbios_hal_Hwi_Module__diagsMask__C = ((CT__ti_sysbios_hal_Hwi_Module__diagsMask)0)
```

**4.3.4.250 ti\_sysbios\_hal\_Hwi\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__gateObj ti_sysbios_hal_Hwi_Module__gateObj__C = ((CT__ti_sysbios_hal_Hwi_Module__gateObj)0)
```

**4.3.4.251 ti\_sysbios\_hal\_Hwi\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__gatePrms ti_sysbios_hal_Hwi_Module__gatePrms__C = ((CT__ti_sysbios_hal_Hwi_Module__gatePrms)0)
```

**4.3.4.252 ti\_sysbios\_hal\_Hwi\_Module\_\_id\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__id ti_sysbios_hal_Hwi_Module__id__C = (xdc__Bits16)0x8020
```

**4.3.4.253 ti\_sysbios\_hal\_Hwi\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerDefined ti_sysbios_hal_Hwi_Module__loggerDefined__C = 0
```

**4.3.4.254 ti\_sysbios\_hal\_Hwi\_Module\_\_loggerFxn0\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerFxn0 ti_sysbios_hal_Hwi_Module__loggerFxn0__C = ((CT__ti_sysbios_hal_Hwi_Module__loggerFxn0)0)
```

**4.3.4.255 ti\_sysbios\_hal\_Hwi\_Module\_\_loggerFxn1\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerFxn1 ti_sysbios_hal_Hwi_Module__loggerFxn1__C = ((CT__ti_sysbios_hal_Hwi_Module__loggerFxn1)0)
```

#### 4.3.4.256 ti\_sysbios\_hal\_Hwi\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerFxn2 ti_sysbios_hal_Hwi_Module__logger↵  
Fxn2__C = ((CT__ti_sysbios_hal_Hwi_Module__loggerFxn2)0)
```

#### 4.3.4.257 ti\_sysbios\_hal\_Hwi\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerFxn4 ti_sysbios_hal_Hwi_Module__logger↵  
Fxn4__C = ((CT__ti_sysbios_hal_Hwi_Module__loggerFxn4)0)
```

#### 4.3.4.258 ti\_sysbios\_hal\_Hwi\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerFxn8 ti_sysbios_hal_Hwi_Module__logger↵  
Fxn8__C = ((CT__ti_sysbios_hal_Hwi_Module__loggerFxn8)0)
```

#### 4.3.4.259 ti\_sysbios\_hal\_Hwi\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__loggerObj ti_sysbios_hal_Hwi_Module__loggerObj↵  
__C = ((CT__ti_sysbios_hal_Hwi_Module__loggerObj)0)
```

#### 4.3.4.260 ti\_sysbios\_hal\_Hwi\_Module\_\_root\_\_V

```
ti_sysbios_hal_Hwi_Module__ ti_sysbios_hal_Hwi_Module__root__V
```

##### Initial value:

```
= {  
    {&ti_sysbios_hal_Hwi_Module__root__V.link,  
      &ti_sysbios_hal_Hwi_Module__root__V.link},  
}
```

#### 4.3.4.261 ti\_sysbios\_hal\_Hwi\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Module__startupDoneFxn ti_sysbios_hal_Hwi_Module__↵  
startupDoneFxn__C = ((CT__ti_sysbios_hal_Hwi_Module__startupDoneFxn)0)
```

**4.3.4.262 ti\_sysbios\_hal\_Hwi\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Object__count ti_sysbios_hal_Hwi_Object__count__C = 0
```

**4.3.4.263 ti\_sysbios\_hal\_Hwi\_Object\_\_DESC\_\_C**

```
__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_hal_Hwi_Object__DESC__C
```

**Initial value:**

```
= {
    (xdc_CPtr)0,
    &ti_sysbios_hal_Hwi_Module__root__V.link,
    sizeof(ti_sysbios_hal_Hwi__S1) - sizeof(ti_sysbios_hal_Hwi_Object2__),
    0,
    0,
    sizeof(ti_sysbios_hal_Hwi_Object2__),
    (xdc_CPtr)&ti_sysbios_hal_Hwi_Object__PARAMS__C,
    sizeof(ti_sysbios_hal_Hwi_Params),
}
```

**4.3.4.264 ti\_sysbios\_hal\_Hwi\_Object\_\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Object__heap ti_sysbios_hal_Hwi_Object__heap__C = 0
```

**4.3.4.265 ti\_sysbios\_hal\_Hwi\_Object\_\_PARAMS\_\_C**

```
__FAR__ const ti_sysbios_hal_Hwi_Params ti_sysbios_hal_Hwi_Object__PARAMS__C
```

**Initial value:**

```
= {
    sizeof (ti_sysbios_hal_Hwi_Params),
    0,
    0,
    (xdc_runtime_IInstance_Params*)&ti_sysbios_hal_Hwi_Object__PARAMS__C.__iprms,
    ti_sysbios_interfaces_IHwi_MaskingOption_LOWER,
    ((xdc_UArg) (0x0)),
    1,
    (xdc_Int) (-0x0 - 1),
    (xdc_Int) (-0x0 - 1),
    (xdc_Int) (-0x0 - 1),
    {
        sizeof (xdc_runtime_IInstance_Params),
        0,
    },
},
}
```

**4.3.4.266 ti\_sysbios\_hal\_Hwi\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Object__sizeof ti_sysbios_hal_Hwi_Object__sizeof__C =
sizeof(ti_sysbios_hal_Hwi_Object__)
```

#### 4.3.4.267 ti\_sysbios\_hal\_Hwi\_Object\_table\_\_C

```
__FAR__ const CT__ti_sysbios_hal_Hwi_Object__table ti_sysbios_hal_Hwi_Object__table__C = 0
```

#### 4.3.4.268 ti\_sysbios\_heaps\_HeapMem\_A\_align\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_A_align ti_sysbios_heaps_HeapMem_A_align__C = (((xdc_runtime_Assert_Id)3372) << 16 | 16)
```

#### 4.3.4.269 ti\_sysbios\_heaps\_HeapMem\_A\_heapSize\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_A_heapSize ti_sysbios_heaps_HeapMem_A_heapSize__C = (((xdc_runtime_Assert_Id)3327) << 16 | 16)
```

#### 4.3.4.270 ti\_sysbios\_heaps\_HeapMem\_A\_invalidFree\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_A_invalidFree ti_sysbios_heaps_HeapMem_A_invalidFree__C = (((xdc_runtime_Assert_Id)3263) << 16 | 16)
```

#### 4.3.4.271 ti\_sysbios\_heaps\_HeapMem\_A\_zeroBlock\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_A_zeroBlock ti_sysbios_heaps_HeapMem_A_zeroBlock__C = (((xdc_runtime_Assert_Id)3291) << 16 | 16)
```

#### 4.3.4.272 ti\_sysbios\_heaps\_HeapMem\_E\_memory\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_E_memory ti_sysbios_heaps_HeapMem_E_memory__C = (((xdc_runtime_Error_Id)4745) << 16 | 0)
```

#### 4.3.4.273 ti\_sysbios\_heaps\_HeapMem\_Instance\_State\_0\_buf\_\_A

```
__T1__ti_sysbios_heaps_HeapMem_Instance_State__buf ti_sysbios_heaps_HeapMem_Instance_State_0__buf__A
```

**4.3.4.274 ti\_sysbios\_heaps\_HeapMem\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__diagsEnabled ti_sysbios_heaps_HeapMem_↵
Module__diagsEnabled__C = (xdc_Bits32)0x90
```

**4.3.4.275 ti\_sysbios\_heaps\_HeapMem\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__diagsIncluded ti_sysbios_heaps_HeapMem_↵
Module__diagsIncluded__C = (xdc_Bits32)0x90
```

**4.3.4.276 ti\_sysbios\_heaps\_HeapMem\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__diagsMask ti_sysbios_heaps_HeapMem_Module_↵
__diagsMask__C = ((CT__ti_sysbios_heaps_HeapMem_Module__diagsMask)0)
```

**4.3.4.277 ti\_sysbios\_heaps\_HeapMem\_Module\_\_FXNS\_\_C**

```
const ti_sysbios_heaps_HeapMem_Fxns__ ti_sysbios_heaps_HeapMem_Module__FXNS__C
```

**Initial value:**

```
= {
    (void *)&xdc_runtime_IHeap_Interface__BASE__C,
    &ti_sysbios_heaps_HeapMem_Module__FXNS__C.__sfxns,
    ti_sysbios_heaps_HeapMem_alloc__E,
    ti_sysbios_heaps_HeapMem_free__E,
    ti_sysbios_heaps_HeapMem_isBlocking__E,
    ti_sysbios_heaps_HeapMem_getStats__E,
    {
        ti_sysbios_heaps_HeapMem_Object__create__S,
        ti_sysbios_heaps_HeapMem_Object__delete__S,
        ti_sysbios_heaps_HeapMem_Handle__label__S,
        0x802c,
    }
}
```

**4.3.4.278 ti\_sysbios\_heaps\_HeapMem\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__gateObj ti_sysbios_heaps_HeapMem_Module_↵
__gateObj__C = ((CT__ti_sysbios_heaps_HeapMem_Module__gateObj)((void*)(xdc_runtime_IGate_↵
Provider_Handle)&ti_sysbios_gates_GateMutex_Object__table__V[0]))
```

#### 4.3.4.279 ti\_sysbios\_heaps\_HeapMem\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__gatePrms ti_sysbios_heaps_HeapMem_↵  
_gatePrms__C = ((CT__ti_sysbios_heaps_HeapMem_Module__gatePrms) 0)
```

#### 4.3.4.280 ti\_sysbios\_heaps\_HeapMem\_Module\_\_id\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__id ti_sysbios_heaps_HeapMem_↵  
(xdc_Bits16) 0x802c
```

#### 4.3.4.281 ti\_sysbios\_heaps\_HeapMem\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__loggerDefined ti_sysbios_heaps_HeapMem_↵  
Module__loggerDefined__C = 0
```

#### 4.3.4.282 ti\_sysbios\_heaps\_HeapMem\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__loggerFxn0 ti_sysbios_heaps_HeapMem_↵  
Module__loggerFxn0__C = ((CT__ti_sysbios_heaps_HeapMem_Module__loggerFxn0) 0)
```

#### 4.3.4.283 ti\_sysbios\_heaps\_HeapMem\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__loggerFxn1 ti_sysbios_heaps_HeapMem_↵  
Module__loggerFxn1__C = ((CT__ti_sysbios_heaps_HeapMem_Module__loggerFxn1) 0)
```

#### 4.3.4.284 ti\_sysbios\_heaps\_HeapMem\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__loggerFxn2 ti_sysbios_heaps_HeapMem_↵  
Module__loggerFxn2__C = ((CT__ti_sysbios_heaps_HeapMem_Module__loggerFxn2) 0)
```

#### 4.3.4.285 ti\_sysbios\_heaps\_HeapMem\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__loggerFxn4 ti_sysbios_heaps_HeapMem_↵  
Module__loggerFxn4__C = ((CT__ti_sysbios_heaps_HeapMem_Module__loggerFxn4) 0)
```

**4.3.4.286 ti\_sysbios\_heaps\_HeapMem\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__loggerFxn8 ti_sysbios_heaps_HeapMem_↵
Module__loggerFxn8__C = ((CT__ti_sysbios_heaps_HeapMem_Module__loggerFxn8) 0)
```

**4.3.4.287 ti\_sysbios\_heaps\_HeapMem\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__loggerObj ti_sysbios_heaps_HeapMem_↵
__loggerObj__C = ((CT__ti_sysbios_heaps_HeapMem_Module__loggerObj) 0)
```

**4.3.4.288 ti\_sysbios\_heaps\_HeapMem\_Module\_\_root\_\_V**

```
ti_sysbios_heaps_HeapMem_Module__ ti_sysbios_heaps_HeapMem_Module__root__V
```

**Initial value:**

```
= {
    {&ti_sysbios_heaps_HeapMem_Module__root__V.link,
      &ti_sysbios_heaps_HeapMem_Module__root__V.link},
}
```

**4.3.4.289 ti\_sysbios\_heaps\_HeapMem\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Module__startupDoneFxn ti_sysbios_heaps_HeapMem_↵
Module__startupDoneFxn__C = ((CT__ti_sysbios_heaps_HeapMem_Module__startupDoneFxn) 0)
```

**4.3.4.290 ti\_sysbios\_heaps\_HeapMem\_Module\_GateProxy\_Module\_\_root\_\_V**

```
ti_sysbios_heaps_HeapMem_Module_GateProxy_Module__ ti_sysbios_heaps_HeapMem_Module_GateProxy_↵
Module__root__V [extern]
```

**4.3.4.291 ti\_sysbios\_heaps\_HeapMem\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Object__count ti_sysbios_heaps_HeapMem_Object_↵
count__C = 1
```

#### 4.3.4.292 ti\_sysbios\_heaps\_HeapMem\_Object\_\_DESC\_\_C

```
__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_heaps_HeapMem_Object__DESC__C
```

##### Initial value:

```
= {
    (xdc_CPtr)&ti_sysbios_heaps_HeapMem_Module__FXNS__C,
    &ti_sysbios_heaps_HeapMem_Module__root__V.link,
    sizeof(ti_sysbios_heaps_HeapMem__S1) - sizeof(ti_sysbios_heaps_HeapMem_Object2__),
    0,
    0,
    sizeof(ti_sysbios_heaps_HeapMem_Object2__),
    (xdc_CPtr)&ti_sysbios_heaps_HeapMem_Object__PARAMS__C,
    sizeof(ti_sysbios_heaps_HeapMem_Params),
}
```

#### 4.3.4.293 ti\_sysbios\_heaps\_HeapMem\_Object\_\_heap\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Object__heap ti_sysbios_heaps_HeapMem_Object__↔
heap__C = 0
```

#### 4.3.4.294 ti\_sysbios\_heaps\_HeapMem\_Object\_\_PARAMS\_\_C

```
__FAR__ const ti_sysbios_heaps_HeapMem_Params ti_sysbios_heaps_HeapMem_Object__PARAMS__C
```

##### Initial value:

```
= {
    sizeof (ti_sysbios_heaps_HeapMem_Params),
    0,
    0,
    (xdc_runtime_IInstance_Params*)&ti_sysbios_heaps_HeapMem_Object__PARAMS__C.__iprms,
    (xdc_SizeT)0x0,
    ((xdc_Ptr) (0x0)),
    ((xdc_UArg) (0x0)),
    {
        sizeof (xdc_runtime_IInstance_Params),
        0,
    },
}
```

#### 4.3.4.295 ti\_sysbios\_heaps\_HeapMem\_Object\_\_sizeof\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Object__sizeof ti_sysbios_heaps_HeapMem_Object__↔
sizeof__C = sizeof(ti_sysbios_heaps_HeapMem_Object__)
```

#### 4.3.4.296 ti\_sysbios\_heaps\_HeapMem\_Object\_\_table\_\_C

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_Object__table ti_sysbios_heaps_HeapMem_Object__↔
table__C = ti_sysbios_heaps_HeapMem_Object__table__V
```



**4.3.4.297 ti\_sysbios\_heaps\_HeapMem\_Object\_\_table\_\_V**

`ti_sysbios_heaps_HeapMem_Object__` `ti_sysbios_heaps_HeapMem_Object__table__V`

**Initial value:**

```
= {
    {
        &ti_sysbios_heaps_HeapMem_Module__FXNS__C,
        ((xdc_UArg) (0x8)),
        ((void*)ti_sysbios_heaps_HeapMem_Instance_State_0_buf__A),
        {
            ((ti_sysbios_heaps_HeapMem_Header*) 0),
            ((xdc_UArg) (0x400)),
        },
        (xdc_SizeT) 0x8,
    },
}
```

**4.3.4.298 ti\_sysbios\_heaps\_HeapMem\_primaryHeapBaseAddr\_\_C**

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_primaryHeapBaseAddr ti_sysbios_heaps_HeapMem__↵
primaryHeapBaseAddr__C = ((CT__ti_sysbios_heaps_HeapMem_primaryHeapBaseAddr) 0)
```

**4.3.4.299 ti\_sysbios\_heaps\_HeapMem\_primaryHeapEndAddr\_\_C**

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_primaryHeapEndAddr ti_sysbios_heaps_HeapMem__↵
primaryHeapEndAddr__C = ((CT__ti_sysbios_heaps_HeapMem_primaryHeapEndAddr) 0)
```

**4.3.4.300 ti\_sysbios\_heaps\_HeapMem\_reqAlign\_\_C**

```
__FAR__ const CT__ti_sysbios_heaps_HeapMem_reqAlign ti_sysbios_heaps_HeapMem_reqAlign__C =
(xdc_SizeT) 0x8
```

**4.3.4.301 ti\_sysbios\_interfaces\_IIntrinsicsSupport\_Interface\_\_BASE\_\_C**

```
__FAR__ const xdc_runtime_Types_Base ti_sysbios_interfaces_IIntrinsicsSupport_Interface__↵
BASE__C = {(void *)&xdc_runtime_IModule_Interface__BASE__C}
```

**4.3.4.302 ti\_sysbios\_knl\_Clock\_A\_badThreadType\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_A_badThreadType ti_sysbios_knl_Clock_A_badThreadType__↵
_C = (((xdc_runtime_Assert_Id) 793) << 16 | 16)
```

**4.3.4.303 ti\_sysbios\_knl\_Clock\_A\_clockDisabled\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_A_clockDisabled ti_sysbios_knl_Clock_A_clockDisabled__C = (((xdc_runtime_Assert_Id)712) << 16 | 16)
```

**4.3.4.304 ti\_sysbios\_knl\_Clock\_doTickFunc\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_doTickFunc ti_sysbios_knl_Clock_doTickFunc__C = ((CT__ti_sysbios_knl_Clock_doTickFunc)((xdc_Fxn)ti_sysbios_knl_Clock_doTick__I))
```

**4.3.4.305 ti\_sysbios\_knl\_Clock\_LM\_begin\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_LM_begin ti_sysbios_knl_Clock_LM_begin__C = (((xdc_runtime_Log_Event)5039) << 16 | 768)
```

**4.3.4.306 ti\_sysbios\_knl\_Clock\_LM\_tick\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_LM_tick ti_sysbios_knl_Clock_LM_tick__C = (((xdc_runtime_Log_Event)5021) << 16 | 768)
```

**4.3.4.307 ti\_sysbios\_knl\_Clock\_LW\_delayed\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_LW_delayed ti_sysbios_knl_Clock_LW_delayed__C = (((xdc_runtime_Log_Event)4999) << 16 | 1024)
```

**4.3.4.308 ti\_sysbios\_knl\_Clock\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__diagsEnabled ti_sysbios_knl_Clock_Module__diagsEnabled__C = (xdc_Bits32)0x90
```

**4.3.4.309 ti\_sysbios\_knl\_Clock\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__diagsIncluded ti_sysbios_knl_Clock_Module__diagsIncluded__C = (xdc_Bits32)0x90
```

#### 4.3.4.310 ti\_sysbios\_knl\_Clock\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__diagsMask ti_sysbios_knl_Clock_Module__diags↵  
Mask__C = ((CT__ti_sysbios_knl_Clock_Module__diagsMask)0)
```

#### 4.3.4.311 ti\_sysbios\_knl\_Clock\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__gateObj ti_sysbios_knl_Clock_Module__gateObj↵  
__C = ((CT__ti_sysbios_knl_Clock_Module__gateObj)0)
```

#### 4.3.4.312 ti\_sysbios\_knl\_Clock\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__gatePrms ti_sysbios_knl_Clock_Module__gate↵  
Prms__C = ((CT__ti_sysbios_knl_Clock_Module__gatePrms)0)
```

#### 4.3.4.313 ti\_sysbios\_knl\_Clock\_Module\_\_id\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__id ti_sysbios_knl_Clock_Module__id__C = (xdc↵  
Bits16)0x8018
```

#### 4.3.4.314 ti\_sysbios\_knl\_Clock\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerDefined ti_sysbios_knl_Clock_Module__↵  
loggerDefined__C = 0
```

#### 4.3.4.315 ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerFxn0 ti_sysbios_knl_Clock_Module__↵  
loggerFxn0__C = ((CT__ti_sysbios_knl_Clock_Module__loggerFxn0)0)
```

#### 4.3.4.316 ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerFxn1 ti_sysbios_knl_Clock_Module__↵  
loggerFxn1__C = ((CT__ti_sysbios_knl_Clock_Module__loggerFxn1)0)
```

#### 4.3.4.317 ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerFxn2 ti_sysbios_knl_Clock_Module__↔  
loggerFxn2__C = ((CT__ti_sysbios_knl_Clock_Module__loggerFxn2)0)
```

#### 4.3.4.318 ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerFxn4 ti_sysbios_knl_Clock_Module__↔  
loggerFxn4__C = ((CT__ti_sysbios_knl_Clock_Module__loggerFxn4)0)
```

#### 4.3.4.319 ti\_sysbios\_knl\_Clock\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerFxn8 ti_sysbios_knl_Clock_Module__↔  
loggerFxn8__C = ((CT__ti_sysbios_knl_Clock_Module__loggerFxn8)0)
```

#### 4.3.4.320 ti\_sysbios\_knl\_Clock\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__loggerObj ti_sysbios_knl_Clock_Module__logger↔  
Obj__C = ((CT__ti_sysbios_knl_Clock_Module__loggerObj)0)
```

#### 4.3.4.321 ti\_sysbios\_knl\_Clock\_Module\_\_root\_\_V

```
ti_sysbios_knl_Clock_Module__ ti_sysbios_knl_Clock_Module__root__V
```

##### Initial value:

```
= {  
    {&ti_sysbios_knl_Clock_Module__root__V.link,  
      &ti_sysbios_knl_Clock_Module__root__V.link},  
}
```

#### 4.3.4.322 ti\_sysbios\_knl\_Clock\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_Module__startupDoneFxn ti_sysbios_knl_Clock_Module__↔  
startupDoneFxn__C = ((CT__ti_sysbios_knl_Clock_Module__startupDoneFxn)0)
```

**4.3.4.323 ti\_sysbios\_knl\_Clock\_Module\_\_state\_\_V**

`ti_sysbios_knl_Clock_Module_State__` `ti_sysbios_knl_Clock_Module__state__V`

**Initial value:**

```
= {
    (xdc_UInt32)0x0,
    (xdc_UInt)0x0,
    (ti_sysbios_knl_Clock_TimerProxy_Handle)&ti_sysbios_family_arm_lm4_Timer_Object__table__V[0],
    (ti_sysbios_knl_Swi_Handle)&ti_sysbios_knl_Swi_Object__table__V[0],
    (xdc_UInt)0x1,
    (xdc_UInt32)0x1,
    (xdc_UInt32)0x0,
    0,
    0,
    0,
    {
        {
            ((ti_sysbios_knl_Queue_Elem*)((void*)&ti_sysbios_knl_Clock_Module__state__V.Object_field_clockQ.elem)),
            ((ti_sysbios_knl_Queue_Elem*)((void*)&ti_sysbios_knl_Clock_Module__state__V.Object_field_clockQ.elem)),
        },
    },
}
```

**4.3.4.324 ti\_sysbios\_knl\_Clock\_Module\_State\_clockQ\_\_O**

```
__FAR__ const xdc_SizeT ti_sysbios_knl_Clock_Module_State_clockQ__O = offsetof(ti_sysbios_knl_Clock_Module_State__V,
Object_field_clockQ)
```

**4.3.4.325 ti\_sysbios\_knl\_Clock\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_Object__count ti_sysbios_knl_Clock_Object__count__C = 0
```

**4.3.4.326 ti\_sysbios\_knl\_Clock\_Object\_\_DESC\_\_C**

```
__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_knl_Clock_Object__DESC__C
```

**Initial value:**

```
= {
    (xdc_CPtr)-1,
    &ti_sysbios_knl_Clock_Module__root__V.link,
    sizeof(ti_sysbios_knl_Clock__S1) - sizeof(ti_sysbios_knl_Clock_Object2__),
    0,
    0,
    sizeof(ti_sysbios_knl_Clock_Object2__),
    (xdc_CPtr)&ti_sysbios_knl_Clock_Object__PARAMS__C,
    sizeof(ti_sysbios_knl_Clock_Params),
}
```

**4.3.4.327 ti\_sysbios\_knl\_Clock\_Object\_\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_Object__heap ti_sysbios_knl_Clock_Object__heap__C = 0
```

**4.3.4.328 ti\_sysbios\_knl\_Clock\_Object\_\_PARAMS\_\_C**

```
__FAR__ const ti_sysbios_knl_Clock_Params ti_sysbios_knl_Clock_Object__PARAMS__C
```

**Initial value:**

```
= {
    sizeof (ti_sysbios_knl_Clock_Params),
    0,
    0,
    (xdc_runtime_IInstance_Params*)&ti_sysbios_knl_Clock_Object__PARAMS__C.__iprms,
    0,
    (xdc_UInt32)0x0,
    ((xdc_UArg)0),
    {
        sizeof (xdc_runtime_IInstance_Params),
        0,
    },
}
```

**4.3.4.329 ti\_sysbios\_knl\_Clock\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_Object__sizeof ti_sysbios_knl_Clock_Object__sizeof__C =
sizeof(ti_sysbios_knl_Clock_Object__)
```

**4.3.4.330 ti\_sysbios\_knl\_Clock\_Object\_\_table\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_Object__table ti_sysbios_knl_Clock_Object__table__C = 0
```

**4.3.4.331 ti\_sysbios\_knl\_Clock\_serviceMargin\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_serviceMargin ti_sysbios_knl_Clock_serviceMargin__C =
(xdc_UInt32)0x0
```

**4.3.4.332 ti\_sysbios\_knl\_Clock\_tickMode\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Clock_tickMode ti_sysbios_knl_Clock_tickMode__C = ti_sysbios_knl_Clock_TickMode_PERIODIC
```

#### 4.3.4.333 ti\_sysbios\_knl\_Clock\_tickPeriod\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_tickPeriod ti_sysbios_knl_Clock_tickPeriod__C = (xdc_↵
UInt32) 0x3e8
```

#### 4.3.4.334 ti\_sysbios\_knl\_Clock\_tickSource\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_tickSource ti_sysbios_knl_Clock_tickSource__C = ti_↵
sysbios_knl_Clock_TickSource_TIMER
```

#### 4.3.4.335 ti\_sysbios\_knl\_Clock\_timerId\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_timerId ti_sysbios_knl_Clock_timerId__C = (xdc_UInt) (-0x0
- 1)
```

#### 4.3.4.336 ti\_sysbios\_knl\_Clock\_TimerProxy\_Module\_\_root\_\_V

```
ti_sysbios_knl_Clock_TimerProxy_Module__ ti_sysbios_knl_Clock_TimerProxy_Module__root__↵
V [extern]
```

#### 4.3.4.337 ti\_sysbios\_knl\_Clock\_triggerClock\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Clock_triggerClock ti_sysbios_knl_Clock_triggerClock__C = 0
```

#### 4.3.4.338 ti\_sysbios\_knl\_Idle\_coreList\_\_A

```
const __T1_ti_sysbios_knl_Idle_coreList ti_sysbios_knl_Idle_coreList__A
```

##### Initial value:

```
= {
    (xdc_UInt) 0x0,
}
```

**4.3.4.339 ti\_sysbios\_knl\_Idle\_coreList\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Idle_coreList ti_sysbios_knl_Idle_coreList__C = {1, ((__T1__↔
ti_sysbios_knl_Idle_coreList*)ti_sysbios_knl_Idle_coreList__A)}
```

**4.3.4.340 ti\_sysbios\_knl\_Idle\_funcList\_\_A**

```
const __T1__ti_sysbios_knl_Idle_funcList ti_sysbios_knl_Idle_funcList__A
```

**Initial value:**

```
= {
    ((xdc_Void*) (xdc_Void)) ((xdc_Fxn)ti_sysbios_hal_Hwi_checkStack)),
}
```

**4.3.4.341 ti\_sysbios\_knl\_Idle\_funcList\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Idle_funcList ti_sysbios_knl_Idle_funcList__C = {1, ((__T1__↔
ti_sysbios_knl_Idle_funcList*)ti_sysbios_knl_Idle_funcList__A)}
```

**4.3.4.342 ti\_sysbios\_knl\_Idle\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__diagsEnabled ti_sysbios_knl_Idle_Module__diags↔
Enabled__C = (xdc_Bits32)0x90
```

**4.3.4.343 ti\_sysbios\_knl\_Idle\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__diagsIncluded ti_sysbios_knl_Idle_Module__↔
diagsIncluded__C = (xdc_Bits32)0x90
```

**4.3.4.344 ti\_sysbios\_knl\_Idle\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__diagsMask ti_sysbios_knl_Idle_Module__diags↔
Mask__C = ((CT__ti_sysbios_knl_Idle_Module__diagsMask)0)
```



#### 4.3.4.345 ti\_sysbios\_knl\_Idle\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__gateObj ti_sysbios_knl_Idle_Module__gateObj__C =  
((CT__ti_sysbios_knl_Idle_Module__gateObj)0)
```

#### 4.3.4.346 ti\_sysbios\_knl\_Idle\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__gatePrms ti_sysbios_knl_Idle_Module__gatePrms__C =  
((CT__ti_sysbios_knl_Idle_Module__gatePrms)0)
```

#### 4.3.4.347 ti\_sysbios\_knl\_Idle\_Module\_\_id\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__id ti_sysbios_knl_Idle_Module__id__C = (xdc__  
Bits16)0x8019
```

#### 4.3.4.348 ti\_sysbios\_knl\_Idle\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__loggerDefined ti_sysbios_knl_Idle_Module__  
loggerDefined__C = 0
```

#### 4.3.4.349 ti\_sysbios\_knl\_Idle\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__loggerFxn0 ti_sysbios_knl_Idle_Module__logger__  
Fxn0__C = ((CT__ti_sysbios_knl_Idle_Module__loggerFxn0)0)
```

#### 4.3.4.350 ti\_sysbios\_knl\_Idle\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__loggerFxn1 ti_sysbios_knl_Idle_Module__logger__  
Fxn1__C = ((CT__ti_sysbios_knl_Idle_Module__loggerFxn1)0)
```

#### 4.3.4.351 ti\_sysbios\_knl\_Idle\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__loggerFxn2 ti_sysbios_knl_Idle_Module__logger__  
Fxn2__C = ((CT__ti_sysbios_knl_Idle_Module__loggerFxn2)0)
```

#### 4.3.4.352 ti\_sysbios\_knl\_Idle\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__loggerFxn4 ti_sysbios_knl_Idle_Module__logger↵  
Fxn4__C = ((CT__ti_sysbios_knl_Idle_Module__loggerFxn4)0)
```

#### 4.3.4.353 ti\_sysbios\_knl\_Idle\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__loggerFxn8 ti_sysbios_knl_Idle_Module__logger↵  
Fxn8__C = ((CT__ti_sysbios_knl_Idle_Module__loggerFxn8)0)
```

#### 4.3.4.354 ti\_sysbios\_knl\_Idle\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__loggerObj ti_sysbios_knl_Idle_Module__logger↵  
Obj__C = ((CT__ti_sysbios_knl_Idle_Module__loggerObj)0)
```

#### 4.3.4.355 ti\_sysbios\_knl\_Idle\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Module__startupDoneFxn ti_sysbios_knl_Idle_Module__↵  
startupDoneFxn__C = ((CT__ti_sysbios_knl_Idle_Module__startupDoneFxn)0)
```

#### 4.3.4.356 ti\_sysbios\_knl\_Idle\_Object\_\_count\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Object__count ti_sysbios_knl_Idle_Object__count__C = 0
```

#### 4.3.4.357 ti\_sysbios\_knl\_Idle\_Object\_\_heap\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Object__heap ti_sysbios_knl_Idle_Object__heap__C = 0
```

#### 4.3.4.358 ti\_sysbios\_knl\_Idle\_Object\_\_sizeof\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Idle_Object__sizeof ti_sysbios_knl_Idle_Object__sizeof__C = 0
```

**4.3.4.359 ti\_sysbios\_knl\_Idle\_Object\_table\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Idle_Object_table ti_sysbios_knl_Idle_Object_table__C = 0
```

**4.3.4.360 ti\_sysbios\_knl\_Intrinsics\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__diagsEnabled ti_sysbios_knl_Intrinsics_↵  
Module__diagsEnabled__C = (xdc_Bits32)0x90
```

**4.3.4.361 ti\_sysbios\_knl\_Intrinsics\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__diagsIncluded ti_sysbios_knl_Intrinsics_↵  
Module__diagsIncluded__C = (xdc_Bits32)0x90
```

**4.3.4.362 ti\_sysbios\_knl\_Intrinsics\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__diagsMask ti_sysbios_knl_Intrinsics_↵  
Module__diagsMask__C = ((CT__ti_sysbios_knl_Intrinsics_Module__diagsMask)0)
```

**4.3.4.363 ti\_sysbios\_knl\_Intrinsics\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__gateObj ti_sysbios_knl_Intrinsics_Module_↵  
__gateObj__C = ((CT__ti_sysbios_knl_Intrinsics_Module__gateObj)0)
```

**4.3.4.364 ti\_sysbios\_knl\_Intrinsics\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__gatePrms ti_sysbios_knl_Intrinsics_↵  
Module__gatePrms__C = ((CT__ti_sysbios_knl_Intrinsics_Module__gatePrms)0)
```

**4.3.4.365 ti\_sysbios\_knl\_Intrinsics\_Module\_\_id\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__id ti_sysbios_knl_Intrinsics_Module__id_↵  
__C = (xdc_Bits16)0x801a
```

#### 4.3.4.366 ti\_sysbios\_knl\_Intrinsics\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerDefined ti_sysbios_knl_Intrinsics_↵  
Module__loggerDefined__C = 0
```

#### 4.3.4.367 ti\_sysbios\_knl\_Intrinsics\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn0 ti_sysbios_knl_Intrinsics_↵  
Module__loggerFxn0__C = ((CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn0)0)
```

#### 4.3.4.368 ti\_sysbios\_knl\_Intrinsics\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn1 ti_sysbios_knl_Intrinsics_↵  
Module__loggerFxn1__C = ((CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn1)0)
```

#### 4.3.4.369 ti\_sysbios\_knl\_Intrinsics\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn2 ti_sysbios_knl_Intrinsics_↵  
Module__loggerFxn2__C = ((CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn2)0)
```

#### 4.3.4.370 ti\_sysbios\_knl\_Intrinsics\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn4 ti_sysbios_knl_Intrinsics_↵  
Module__loggerFxn4__C = ((CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn4)0)
```

#### 4.3.4.371 ti\_sysbios\_knl\_Intrinsics\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn8 ti_sysbios_knl_Intrinsics_↵  
Module__loggerFxn8__C = ((CT__ti_sysbios_knl_Intrinsics_Module__loggerFxn8)0)
```

#### 4.3.4.372 ti\_sysbios\_knl\_Intrinsics\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__loggerObj ti_sysbios_knl_Intrinsics_↵  
Module__loggerObj__C = ((CT__ti_sysbios_knl_Intrinsics_Module__loggerObj)0)
```

**4.3.4.373 ti\_sysbios\_knl\_Intrinsics\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Module__startupDoneFxn ti_sysbios_knl_Intrinsics__↵  
_Module__startupDoneFxn__C = ((CT__ti_sysbios_knl_Intrinsics_Module__startupDoneFxn)0)
```

**4.3.4.374 ti\_sysbios\_knl\_Intrinsics\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Object__count ti_sysbios_knl_Intrinsics_Object__↵  
count__C = 0
```

**4.3.4.375 ti\_sysbios\_knl\_Intrinsics\_Object\_\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Object__heap ti_sysbios_knl_Intrinsics_Object__↵  
heap__C = 0
```

**4.3.4.376 ti\_sysbios\_knl\_Intrinsics\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Object__sizeof ti_sysbios_knl_Intrinsics_Object__↵  
_sizeof__C = 0
```

**4.3.4.377 ti\_sysbios\_knl\_Intrinsics\_Object\_\_table\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Intrinsics_Object__table ti_sysbios_knl_Intrinsics_Object__↵  
table__C = 0
```

**4.3.4.378 ti\_sysbios\_knl\_Queue\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__diagsEnabled ti_sysbios_knl_Queue_Module__↵  
diagsEnabled__C = (xdc_Bits32)0x90
```

**4.3.4.379 ti\_sysbios\_knl\_Queue\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__diagsIncluded ti_sysbios_knl_Queue_Module__↵  
diagsIncluded__C = (xdc_Bits32)0x90
```

#### 4.3.4.380 ti\_sysbios\_knl\_Queue\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__diagsMask ti_sysbios_knl_Queue_Module__diags↵  
Mask__C = ((CT__ti_sysbios_knl_Queue_Module__diagsMask)0)
```

#### 4.3.4.381 ti\_sysbios\_knl\_Queue\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__gateObj ti_sysbios_knl_Queue_Module__gateObj↵  
__C = ((CT__ti_sysbios_knl_Queue_Module__gateObj)0)
```

#### 4.3.4.382 ti\_sysbios\_knl\_Queue\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__gatePrms ti_sysbios_knl_Queue_Module__gate↵  
Prms__C = ((CT__ti_sysbios_knl_Queue_Module__gatePrms)0)
```

#### 4.3.4.383 ti\_sysbios\_knl\_Queue\_Module\_\_id\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__id ti_sysbios_knl_Queue_Module__id__C = (xdc↵  
Bits16)0x801b
```

#### 4.3.4.384 ti\_sysbios\_knl\_Queue\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerDefined ti_sysbios_knl_Queue_Module__↵  
loggerDefined__C = 0
```

#### 4.3.4.385 ti\_sysbios\_knl\_Queue\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerFxn0 ti_sysbios_knl_Queue_Module__↵  
loggerFxn0__C = ((CT__ti_sysbios_knl_Queue_Module__loggerFxn0)0)
```

#### 4.3.4.386 ti\_sysbios\_knl\_Queue\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerFxn1 ti_sysbios_knl_Queue_Module__↵  
loggerFxn1__C = ((CT__ti_sysbios_knl_Queue_Module__loggerFxn1)0)
```

**4.3.4.387 ti\_sysbios\_knl\_Queue\_Module\_\_loggerFxn2\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerFxn2 ti_sysbios_knl_Queue_Module__↵  
loggerFxn2__C = ((CT__ti_sysbios_knl_Queue_Module__loggerFxn2)0)
```

**4.3.4.388 ti\_sysbios\_knl\_Queue\_Module\_\_loggerFxn4\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerFxn4 ti_sysbios_knl_Queue_Module__↵  
loggerFxn4__C = ((CT__ti_sysbios_knl_Queue_Module__loggerFxn4)0)
```

**4.3.4.389 ti\_sysbios\_knl\_Queue\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerFxn8 ti_sysbios_knl_Queue_Module__↵  
loggerFxn8__C = ((CT__ti_sysbios_knl_Queue_Module__loggerFxn8)0)
```

**4.3.4.390 ti\_sysbios\_knl\_Queue\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__loggerObj ti_sysbios_knl_Queue_Module__logger↵  
Obj__C = ((CT__ti_sysbios_knl_Queue_Module__loggerObj)0)
```

**4.3.4.391 ti\_sysbios\_knl\_Queue\_Module\_\_root\_\_V**

```
ti_sysbios_knl_Queue_Module__ ti_sysbios_knl_Queue_Module__root__V
```

**Initial value:**

```
= {  
    {&ti_sysbios_knl_Queue_Module__root__V.link,  
      &ti_sysbios_knl_Queue_Module__root__V.link},  
}
```

**4.3.4.392 ti\_sysbios\_knl\_Queue\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Queue_Module__startupDoneFxn ti_sysbios_knl_Queue_Module__↵  
startupDoneFxn__C = ((CT__ti_sysbios_knl_Queue_Module__startupDoneFxn)0)
```

**4.3.4.393 ti\_sysbios\_knl\_Queue\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Queue_Object__count ti_sysbios_knl_Queue_Object__count__C = 0
```

**4.3.4.394 ti\_sysbios\_knl\_Queue\_Object\_\_DESC\_\_C**

```
__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_knl_Queue_Object__DESC__C
```

**Initial value:**

```
= {
    (xdc_CPtr)-1,
    &ti_sysbios_knl_Queue_Module__root__V.link,
    sizeof(ti_sysbios_knl_Queue__S1) - sizeof(ti_sysbios_knl_Queue_Object2__),
    0,
    0,
    sizeof(ti_sysbios_knl_Queue_Object2__),
    (xdc_CPtr)&ti_sysbios_knl_Queue_Object__PARAMS__C,
    sizeof(ti_sysbios_knl_Queue_Params),
}
```

**4.3.4.395 ti\_sysbios\_knl\_Queue\_Object\_\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Queue_Object__heap ti_sysbios_knl_Queue_Object__heap__C = 0
```

**4.3.4.396 ti\_sysbios\_knl\_Queue\_Object\_\_PARAMS\_\_C**

```
__FAR__ const ti_sysbios_knl_Queue_Params ti_sysbios_knl_Queue_Object__PARAMS__C
```

**Initial value:**

```
= {
    sizeof (ti_sysbios_knl_Queue_Params),
    0,
    0,
    (xdc_runtime_IInstance_Params*)&ti_sysbios_knl_Queue_Object__PARAMS__C.__iprms,
    {
        sizeof (xdc_runtime_IInstance_Params),
        0,
    },
}
```

**4.3.4.397 ti\_sysbios\_knl\_Queue\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Queue_Object__sizeof ti_sysbios_knl_Queue_Object__sizeof__C =
sizeof(ti_sysbios_knl_Queue_Object__)
```



#### 4.3.4.398 ti\_sysbios\_knl\_Queue\_Object\_table\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Queue_Object_table ti_sysbios_knl_Queue_Object_table__C = 0
```

#### 4.3.4.399 ti\_sysbios\_knl\_Semaphore\_A\_badContext\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_A_badContext ti_sysbios_knl_Semaphore_A_badContext__C = (((xdc_runtime_Assert_Id)992) << 16 | 16)
```

#### 4.3.4.400 ti\_sysbios\_knl\_Semaphore\_A\_invTimeout\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_A_invTimeout ti_sysbios_knl_Semaphore_A_invTimeout__C = (((xdc_runtime_Assert_Id)1258) << 16 | 16)
```

#### 4.3.4.401 ti\_sysbios\_knl\_Semaphore\_A\_noEvents\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_A_noEvents ti_sysbios_knl_Semaphore_A_noEvents__C = (((xdc_runtime_Assert_Id)1203) << 16 | 16)
```

#### 4.3.4.402 ti\_sysbios\_knl\_Semaphore\_A\_overflow\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_A_overflow ti_sysbios_knl_Semaphore_A_overflow__C = (((xdc_runtime_Assert_Id)1323) << 16 | 16)
```

#### 4.3.4.403 ti\_sysbios\_knl\_Semaphore\_A\_pendTaskDisabled\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_A_pendTaskDisabled ti_sysbios_knl_Semaphore_A_pendTaskDisabled__C = (((xdc_runtime_Assert_Id)1377) << 16 | 16)
```

#### 4.3.4.404 ti\_sysbios\_knl\_Semaphore\_eventPost\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_eventPost ti_sysbios_knl_Semaphore_eventPost__C = ((CT__ti_sysbios_knl_Semaphore_eventPost)0)
```

**4.3.4.405 ti\_sysbios\_knl\_Semaphore\_eventSync\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_eventSync ti_sysbios_knl_Semaphore_eventSync__C =
((CT__ti_sysbios_knl_Semaphore_eventSync)0)
```

**4.3.4.406 ti\_sysbios\_knl\_Semaphore\_Instance\_State\_pendQ\_\_O**

```
__FAR__ const xdc_SizeT ti_sysbios_knl_Semaphore_Instance_State_pendQ__O = offsetof(ti_sysbios_knl_Semaphore_C
Object_field_pendQ)
```

**4.3.4.407 ti\_sysbios\_knl\_Semaphore\_LM\_pend\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_LM_pend ti_sysbios_knl_Semaphore_LM_pend__C = (((xdc_↵
_runtime_Log_Event)5101) << 16 | 768)
```

**4.3.4.408 ti\_sysbios\_knl\_Semaphore\_LM\_post\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_LM_post ti_sysbios_knl_Semaphore_LM_post__C = (((xdc_↵
_runtime_Log_Event)5071) << 16 | 768)
```

**4.3.4.409 ti\_sysbios\_knl\_Semaphore\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__diagsEnabled ti_sysbios_knl_Semaphore_↵
Module__diagsEnabled__C = (xdc_Bits32)0x90
```

**4.3.4.410 ti\_sysbios\_knl\_Semaphore\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__diagsIncluded ti_sysbios_knl_Semaphore_↵
Module__diagsIncluded__C = (xdc_Bits32)0x90
```

**4.3.4.411 ti\_sysbios\_knl\_Semaphore\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__diagsMask ti_sysbios_knl_Semaphore_Module_↵
__diagsMask__C = ((CT__ti_sysbios_knl_Semaphore_Module__diagsMask)0)
```

**4.3.4.412 ti\_sysbios\_knl\_Semaphore\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__gateObj ti_sysbios_knl_Semaphore_Module__↵  
gateObj__C = ((CT__ti_sysbios_knl_Semaphore_Module__gateObj)0)
```

**4.3.4.413 ti\_sysbios\_knl\_Semaphore\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__gatePrms ti_sysbios_knl_Semaphore_Module__↵  
_gatePrms__C = ((CT__ti_sysbios_knl_Semaphore_Module__gatePrms)0)
```

**4.3.4.414 ti\_sysbios\_knl\_Semaphore\_Module\_\_id\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__id ti_sysbios_knl_Semaphore_Module__id__C =  
(xdc_Bits16)0x801c
```

**4.3.4.415 ti\_sysbios\_knl\_Semaphore\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerDefined ti_sysbios_knl_Semaphore__↵  
Module__loggerDefined__C = 0
```

**4.3.4.416 ti\_sysbios\_knl\_Semaphore\_Module\_\_loggerFxn0\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerFxn0 ti_sysbios_knl_Semaphore__↵  
Module__loggerFxn0__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerFxn0)0)
```

**4.3.4.417 ti\_sysbios\_knl\_Semaphore\_Module\_\_loggerFxn1\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerFxn1 ti_sysbios_knl_Semaphore__↵  
Module__loggerFxn1__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerFxn1)0)
```

**4.3.4.418 ti\_sysbios\_knl\_Semaphore\_Module\_\_loggerFxn2\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerFxn2 ti_sysbios_knl_Semaphore__↵  
Module__loggerFxn2__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerFxn2)0)
```

**4.3.4.419 ti\_sysbios\_knl\_Semaphore\_Module\_\_loggerFxn4\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerFxn4 ti_sysbios_knl_Semaphore_↵
Module__loggerFxn4__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerFxn4)0)
```

**4.3.4.420 ti\_sysbios\_knl\_Semaphore\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerFxn8 ti_sysbios_knl_Semaphore_↵
Module__loggerFxn8__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerFxn8)0)
```

**4.3.4.421 ti\_sysbios\_knl\_Semaphore\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__loggerObj ti_sysbios_knl_Semaphore_Module_↵
__loggerObj__C = ((CT__ti_sysbios_knl_Semaphore_Module__loggerObj)0)
```

**4.3.4.422 ti\_sysbios\_knl\_Semaphore\_Module\_\_root\_\_V**

```
ti_sysbios_knl_Semaphore_Module__ ti_sysbios_knl_Semaphore_Module__root__V
```

**Initial value:**

```
= {
    {&ti_sysbios_knl_Semaphore_Module__root__V.link,
      &ti_sysbios_knl_Semaphore_Module__root__V.link},
}
```

**4.3.4.423 ti\_sysbios\_knl\_Semaphore\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Module__startupDoneFxn ti_sysbios_knl_Semaphore_↵
Module__startupDoneFxn__C = ((CT__ti_sysbios_knl_Semaphore_Module__startupDoneFxn)0)
```

**4.3.4.424 ti\_sysbios\_knl\_Semaphore\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Object__count ti_sysbios_knl_Semaphore_Object_↵
count__C = 0
```

**4.3.4.425 ti\_sysbios\_knl\_Semaphore\_Object\_\_DESC\_\_C**

```
__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_knl_Semaphore_Object__DESC__C
```

**Initial value:**

```
= {
    (xdc_CPtr)-1,
    &ti_sysbios_knl_Semaphore_Module__root__V.link,
    sizeof(ti_sysbios_knl_Semaphore__S1) - sizeof(ti_sysbios_knl_Semaphore_Object2__),
    0,
    0,
    sizeof(ti_sysbios_knl_Semaphore_Object2__),
    (xdc_CPtr)&ti_sysbios_knl_Semaphore_Object__PARAMS__C,
    sizeof(ti_sysbios_knl_Semaphore_Params),
}
```

**4.3.4.426 ti\_sysbios\_knl\_Semaphore\_Object\_\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Object__heap ti_sysbios_knl_Semaphore_Object__↔
heap__C = 0
```

**4.3.4.427 ti\_sysbios\_knl\_Semaphore\_Object\_\_PARAMS\_\_C**

```
__FAR__ const ti_sysbios_knl_Semaphore_Params ti_sysbios_knl_Semaphore_Object__PARAMS__C
```

**Initial value:**

```
= {
    sizeof (ti_sysbios_knl_Semaphore_Params),
    0,
    0,
    (xdc_runtime_IInstance_Params*)&ti_sysbios_knl_Semaphore_Object__PARAMS__C.__iprms,
    0,
    (xdc_UInt)0x1,
    ti_sysbios_knl_Semaphore_Mode_COUNTING,
    {
        sizeof (xdc_runtime_IInstance_Params),
        0,
    },
}
```

**4.3.4.428 ti\_sysbios\_knl\_Semaphore\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Object__sizeof ti_sysbios_knl_Semaphore_Object__↔
sizeof__C = sizeof(ti_sysbios_knl_Semaphore_Object__)
```

**4.3.4.429 ti\_sysbios\_knl\_Semaphore\_Object\_\_table\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_Object__table ti_sysbios_knl_Semaphore_Object__↔
table__C = 0
```

#### 4.3.4.430 ti\_sysbios\_knl\_Semaphore\_supportsEvents\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_supportsEvents ti_sysbios_knl_Semaphore_supports↵  
Events__C = 0
```

#### 4.3.4.431 ti\_sysbios\_knl\_Semaphore\_supportsPriority\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Semaphore_supportsPriority ti_sysbios_knl_Semaphore_supports↵  
Priority__C = 0
```

#### 4.3.4.432 ti\_sysbios\_knl\_Swi\_A\_badPriority\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_A_badPriority ti_sysbios_knl_Swi_A_badPriority__C = ((xdc↵  
_runtime_Assert_Id)1528) << 16 | 16)
```

#### 4.3.4.433 ti\_sysbios\_knl\_Swi\_A\_swiDisabled\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_A_swiDisabled ti_sysbios_knl_Swi_A_swiDisabled__C = ((xdc↵  
_runtime_Assert_Id)1471) << 16 | 16)
```

#### 4.3.4.434 ti\_sysbios\_knl\_Swi\_hooks\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_hooks ti_sysbios_knl_Swi_hooks__C = {0, 0}
```

#### 4.3.4.435 ti\_sysbios\_knl\_Swi\_LD\_end\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_LD_end ti_sysbios_knl_Swi_LD_end__C = ((xdc_runtime_↵  
Log_Event)5191) << 16 | 512)
```

#### 4.3.4.436 ti\_sysbios\_knl\_Swi\_LM\_begin\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_LM_begin ti_sysbios_knl_Swi_LM_begin__C = ((xdc_runtime_↵  
_Log_Event)5144) << 16 | 768)
```

#### 4.3.4.437 ti\_sysbios\_knl\_Swi\_LM\_post\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_LM_post ti_sysbios_knl_Swi_LM_post__C = (((xdc_runtime_↵  
Log_Event)5209) << 16 | 768)
```

#### 4.3.4.438 ti\_sysbios\_knl\_Swi\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__diagsEnabled ti_sysbios_knl_Swi_Module__diags↵  
Enabled__C = (xdc_Bits32)0x90
```

#### 4.3.4.439 ti\_sysbios\_knl\_Swi\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__diagsIncluded ti_sysbios_knl_Swi_Module__diags↵  
Included__C = (xdc_Bits32)0x90
```

#### 4.3.4.440 ti\_sysbios\_knl\_Swi\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__diagsMask ti_sysbios_knl_Swi_Module__diagsMask_↵  
__C = ((CT__ti_sysbios_knl_Swi_Module__diagsMask)0)
```

#### 4.3.4.441 ti\_sysbios\_knl\_Swi\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__gateObj ti_sysbios_knl_Swi_Module__gateObj__C =  
((CT__ti_sysbios_knl_Swi_Module__gateObj)0)
```

#### 4.3.4.442 ti\_sysbios\_knl\_Swi\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__gatePrms ti_sysbios_knl_Swi_Module__gatePrms__C =  
((CT__ti_sysbios_knl_Swi_Module__gatePrms)0)
```

#### 4.3.4.443 ti\_sysbios\_knl\_Swi\_Module\_\_id\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__id ti_sysbios_knl_Swi_Module__id__C = (xdc_↵  
Bits16)0x801d
```

#### 4.3.4.444 ti\_sysbios\_knl\_Swi\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerDefined ti_sysbios_knl_Swi_Module__logger↵  
Defined__C = 0
```

#### 4.3.4.445 ti\_sysbios\_knl\_Swi\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerFxn0 ti_sysbios_knl_Swi_Module__logger↵  
Fxn0__C = ((CT__ti_sysbios_knl_Swi_Module__loggerFxn0)0)
```

#### 4.3.4.446 ti\_sysbios\_knl\_Swi\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerFxn1 ti_sysbios_knl_Swi_Module__logger↵  
Fxn1__C = ((CT__ti_sysbios_knl_Swi_Module__loggerFxn1)0)
```

#### 4.3.4.447 ti\_sysbios\_knl\_Swi\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerFxn2 ti_sysbios_knl_Swi_Module__logger↵  
Fxn2__C = ((CT__ti_sysbios_knl_Swi_Module__loggerFxn2)0)
```

#### 4.3.4.448 ti\_sysbios\_knl\_Swi\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerFxn4 ti_sysbios_knl_Swi_Module__logger↵  
Fxn4__C = ((CT__ti_sysbios_knl_Swi_Module__loggerFxn4)0)
```

#### 4.3.4.449 ti\_sysbios\_knl\_Swi\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerFxn8 ti_sysbios_knl_Swi_Module__logger↵  
Fxn8__C = ((CT__ti_sysbios_knl_Swi_Module__loggerFxn8)0)
```

#### 4.3.4.450 ti\_sysbios\_knl\_Swi\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__loggerObj ti_sysbios_knl_Swi_Module__loggerObj↵  
__C = ((CT__ti_sysbios_knl_Swi_Module__loggerObj)0)
```



**4.3.4.451 ti\_sysbios\_knl\_Swi\_Module\_\_root\_\_V**

```
ti_sysbios_knl_Swi_Module__ ti_sysbios_knl_Swi_Module__root__V
```

**Initial value:**

```
= {
    {&ti_sysbios_knl_Swi_Module__root__V.link,
      &ti_sysbios_knl_Swi_Module__root__V.link},
}
```

**4.3.4.452 ti\_sysbios\_knl\_Swi\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Swi_Module__startupDoneFxn ti_sysbios_knl_Swi_Module__↵
startupDoneFxn__C = ((CT__ti_sysbios_knl_Swi_Module__startupDoneFxn)0)
```

**4.3.4.453 ti\_sysbios\_knl\_Swi\_Module\_\_state\_\_V**

```
ti_sysbios_knl_Swi_Module_State__ ti_sysbios_knl_Swi_Module__state__V
```

**Initial value:**

```
= {
    1,
    (xdc_UInt)0x0,
    (xdc_UInt)0x0,
    0,
    0,
    ((void*)ti_sysbios_knl_Swi_Module_State_0_readyQ__A),
    ((void*)0),
}
```

**4.3.4.454 ti\_sysbios\_knl\_Swi\_Module\_State\_0\_readyQ\_\_A**

```
__T1__ti_sysbios_knl_Swi_Module_State__readyQ ti_sysbios_knl_Swi_Module_State_0_readyQ__A
```

**4.3.4.455 ti\_sysbios\_knl\_Swi\_numConstructedSwis\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Swi_numConstructedSwis ti_sysbios_knl_Swi_numConstructed↵
Swis__C = (xdc_UInt)0x0
```

**4.3.4.456 ti\_sysbios\_knl\_Swi\_numPriorities\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Swi_numPriorities ti_sysbios_knl_Swi_numPriorities__C = (xdc↵
_UInt)0x10
```

**4.3.4.457 ti\_sysbios\_knl\_Swi\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Swi_Object__count ti_sysbios_knl_Swi_Object__count__C = 1
```

**4.3.4.458 ti\_sysbios\_knl\_Swi\_Object\_\_DESC\_\_C**

```
__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_knl_Swi_Object__DESC__C
```

**Initial value:**

```
= {
    (xdc_CPtr)-1,
    &ti_sysbios_knl_Swi_Module__root__V.link,
    sizeof(ti_sysbios_knl_Swi__S1) - sizeof(ti_sysbios_knl_Swi_Object2__),
    0,
    0,
    sizeof(ti_sysbios_knl_Swi_Object2__),
    (xdc_CPtr)&ti_sysbios_knl_Swi_Object__PARAMS__C,
    sizeof(ti_sysbios_knl_Swi_Params),
}
```

**4.3.4.459 ti\_sysbios\_knl\_Swi\_Object\_\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Swi_Object__heap ti_sysbios_knl_Swi_Object__heap__C = 0
```

**4.3.4.460 ti\_sysbios\_knl\_Swi\_Object\_\_PARAMS\_\_C**

```
__FAR__ const ti_sysbios_knl_Swi_Params ti_sysbios_knl_Swi_Object__PARAMS__C
```

**Initial value:**

```
= {
    sizeof (ti_sysbios_knl_Swi_Params),
    0,
    0,
    (xdc_runtime_IInstance_Params*)&ti_sysbios_knl_Swi_Object__PARAMS__C.__iprms,
    ((xdc_UArg) (0x0)),
    ((xdc_UArg) (0x0)),
    (xdc_UInt) (-0x0 - 1),
    (xdc_UInt) 0x0,
    {
        sizeof (xdc_runtime_IInstance_Params),
        0,
    },
}
```

**4.3.4.461 ti\_sysbios\_knl\_Swi\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Swi_Object__sizeof ti_sysbios_knl_Swi_Object__sizeof__C =
sizeof(ti_sysbios_knl_Swi_Object__)
```

**4.3.4.462 ti\_sysbios\_knl\_Swi\_Object\_\_table\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Swi_Object__table ti_sysbios_knl_Swi_Object__table__C = ti_sysbios_knl_Swi_Object__table__C
```

**4.3.4.463 ti\_sysbios\_knl\_Swi\_Object\_\_table\_\_V**

```
ti_sysbios_knl_Swi_Object__ ti_sysbios_knl_Swi_Object__table__V
```

**Initial value:**

```
= {
    {
        {
            ((ti_sysbios_knl_Queue_Elem*) ((void*)&ti_sysbios_knl_Swi_Object__table__V[0].qElem)),
            ((ti_sysbios_knl_Queue_Elem*) ((void*)&ti_sysbios_knl_Swi_Object__table__V[0].qElem)),
        },
        ((xdc_Void(*) (xdc_UArg, xdc_UArg)) ((xdc_Fxn)ti_sysbios_knl_Clock_workFunc__E)),
        ((xdc_UArg) (0x0)),
        ((xdc_UArg) (0x0)),
        (xdc_UInt) 0xf,
        (xdc_UInt) 0x8000,
        0,
        (xdc_UInt) 0x0,
        (xdc_UInt) 0x0,
        (ti_sysbios_knl_Queue_Handle) &ti_sysbios_knl_Swi_Module_State_0_readyQ__A[15],
        ((void*) 0),
    },
}
```

**4.3.4.464 ti\_sysbios\_knl\_Swi\_taskDisable\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Swi_taskDisable ti_sysbios_knl_Swi_taskDisable__C = ((CT__ti_sysbios_knl_Swi_taskDisable) ((xdc_Fxn)ti_sysbios_knl_Task_disable__E))
```

**4.3.4.465 ti\_sysbios\_knl\_Swi\_taskRestore\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Swi_taskRestore ti_sysbios_knl_Swi_taskRestore__C = ((CT__ti_sysbios_knl_Swi_taskRestore) ((xdc_Fxn)ti_sysbios_knl_Task_restore__E))
```

**4.3.4.466 ti\_sysbios\_knl\_Task\_A\_badAffinity\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_A_badAffinity ti_sysbios_knl_Task_A_badAffinity__C = ((xdc_runtime_Assert_Id) 1902) << 16 | 16)
```

#### 4.3.4.467 ti\_sysbios\_knl\_Task\_A\_badPriority\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_A_badPriority ti_sysbios_knl_Task_A_badPriority__C =  
((xdc_runtime_Assert_Id)1817) << 16 | 16)
```

#### 4.3.4.468 ti\_sysbios\_knl\_Task\_A\_badTaskState\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_A_badTaskState ti_sysbios_knl_Task_A_badTaskState__C =  
((xdc_runtime_Assert_Id)1646) << 16 | 16)
```

#### 4.3.4.469 ti\_sysbios\_knl\_Task\_A\_badThreadType\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_A_badThreadType ti_sysbios_knl_Task_A_badThreadType__C =  
((xdc_runtime_Assert_Id)1577) << 16 | 16)
```

#### 4.3.4.470 ti\_sysbios\_knl\_Task\_A\_badTimeout\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_A_badTimeout ti_sysbios_knl_Task_A_badTimeout__C = ((xdc_↵  
_runtime_Assert_Id)1867) << 16 | 16)
```

#### 4.3.4.471 ti\_sysbios\_knl\_Task\_A\_invalidCoreId\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_A_invalidCoreId ti_sysbios_knl_Task_A_invalidCoreId__C =  
((xdc_runtime_Assert_Id)2019) << 16 | 16)
```

#### 4.3.4.472 ti\_sysbios\_knl\_Task\_A\_noPendElem\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_A_noPendElem ti_sysbios_knl_Task_A_noPendElem__C = ((xdc_↵  
_runtime_Assert_Id)1700) << 16 | 16)
```

#### 4.3.4.473 ti\_sysbios\_knl\_Task\_A\_sleepTaskDisabled\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_A_sleepTaskDisabled ti_sysbios_knl_Task_A_sleepTask↵  
Disabled__C = ((xdc_runtime_Assert_Id)1935) << 16 | 16)
```

**4.3.4.474 ti\_sysbios\_knl\_Task\_A\_taskDisabled\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_A_taskDisabled ti_sysbios_knl_Task_A_taskDisabled__C =  
((xdc_runtime_Assert_Id)1754) << 16 | 16)
```

**4.3.4.475 ti\_sysbios\_knl\_Task\_allBlockedFunc\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_allBlockedFunc ti_sysbios_knl_Task_allBlockedFunc__C =  
(CT__ti_sysbios_knl_Task_allBlockedFunc)0)
```

**4.3.4.476 ti\_sysbios\_knl\_Task\_checkStackFlag\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_checkStackFlag ti_sysbios_knl_Task_checkStackFlag__C = 1
```

**4.3.4.477 ti\_sysbios\_knl\_Task\_defaultStackHeap\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_defaultStackHeap ti_sysbios_knl_Task_defaultStackHeap__C = 0
```

**4.3.4.478 ti\_sysbios\_knl\_Task\_defaultStackSize\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_defaultStackSize ti_sysbios_knl_Task_defaultStackSize__C = (xdc_SizeT)0x200
```

**4.3.4.479 ti\_sysbios\_knl\_Task\_deleteTerminatedTasks\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_deleteTerminatedTasks ti_sysbios_knl_Task_deleteTerminatedTasks__C = 0
```

**4.3.4.480 ti\_sysbios\_knl\_Task\_E\_deleteNotAllowed\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_E_deleteNotAllowed ti_sysbios_knl_Task_E_deleteNotAllowed__C = ((xdc_runtime_Error_Id)3968) << 16 | 0)
```

#### 4.3.4.481 ti\_sysbios\_knl\_Task\_E\_spOutOfBounds\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_E_spOutOfBounds ti_sysbios_knl_Task_E_spOutOfBounds__C =  
(((xdc_runtime_Error_Id)3917) << 16 | 0)
```

#### 4.3.4.482 ti\_sysbios\_knl\_Task\_E\_stackOverflow\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_E_stackOverflow ti_sysbios_knl_Task_E_stackOverflow__C =  
(((xdc_runtime_Error_Id)3874) << 16 | 0)
```

#### 4.3.4.483 ti\_sysbios\_knl\_Task\_hooks\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_hooks ti_sysbios_knl_Task_hooks__C = {0, 0}
```

#### 4.3.4.484 ti\_sysbios\_knl\_Task\_initStackFlag\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_initStackFlag ti_sysbios_knl_Task_initStackFlag__C = 1
```

#### 4.3.4.485 ti\_sysbios\_knl\_Task\_Instance\_State\_0\_stack\_\_A

```
__T1__ti_sysbios_knl_Task_Instance_State__stack ti_sysbios_knl_Task_Instance_State_0_stack__A
```

#### 4.3.4.486 ti\_sysbios\_knl\_Task\_LD\_block\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_LD_block ti_sysbios_knl_Task_LD_block__C = (((xdc_↵  
runtime_Log_Event)5403) << 16 | 512)
```

#### 4.3.4.487 ti\_sysbios\_knl\_Task\_LD\_exit\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_LD_exit ti_sysbios_knl_Task_LD_exit__C = (((xdc_runtime_↵  
_Log_Event)5539) << 16 | 512)
```

**4.3.4.488 ti\_sysbios\_knl\_Task\_LD\_ready\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_LD_ready ti_sysbios_knl_Task_LD_ready__C = (((xdc_↵  
runtime_Log_Event)5362) << 16 | 512)
```

**4.3.4.489 ti\_sysbios\_knl\_Task\_LM\_noWork\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_LM_noWork ti_sysbios_knl_Task_LM_noWork__C = (((xdc_↵  
runtime_Log_Event)5739) << 16 | 1024)
```

**4.3.4.490 ti\_sysbios\_knl\_Task\_LM\_schedule\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_LM_schedule ti_sysbios_knl_Task_LM_schedule__C = (((xdc_↵  
_runtime_Log_Event)5653) << 16 | 1024)
```

**4.3.4.491 ti\_sysbios\_knl\_Task\_LM\_setAffinity\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_LM_setAffinity ti_sysbios_knl_Task_LM_setAffinity__C =  
(((xdc_runtime_Log_Event)5570) << 16 | 768)
```

**4.3.4.492 ti\_sysbios\_knl\_Task\_LM\_setPri\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_LM_setPri ti_sysbios_knl_Task_LM_setPri__C = (((xdc_↵  
runtime_Log_Event)5483) << 16 | 768)
```

**4.3.4.493 ti\_sysbios\_knl\_Task\_LM\_sleep\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_LM_sleep ti_sysbios_knl_Task_LM_sleep__C = (((xdc_↵  
runtime_Log_Event)5317) << 16 | 768)
```

**4.3.4.494 ti\_sysbios\_knl\_Task\_LM\_switch\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_LM_switch ti_sysbios_knl_Task_LM_switch__C = (((xdc_↵  
runtime_Log_Event)5249) << 16 | 768)
```

#### 4.3.4.495 ti\_sysbios\_knl\_Task\_LM\_yield\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_LM_yield ti_sysbios_knl_Task_LM_yield__C = (((xdc_↵  
runtime_Log_Event)5435) << 16 | 768)
```

#### 4.3.4.496 ti\_sysbios\_knl\_Task\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__diagsEnabled ti_sysbios_knl_Task_Module__diags↵  
Enabled__C = (xdc_Bits32)0x90
```

#### 4.3.4.497 ti\_sysbios\_knl\_Task\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__diagsIncluded ti_sysbios_knl_Task_Module__↵  
diagsIncluded__C = (xdc_Bits32)0x90
```

#### 4.3.4.498 ti\_sysbios\_knl\_Task\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__diagsMask ti_sysbios_knl_Task_Module__diags↵  
Mask__C = ((CT__ti_sysbios_knl_Task_Module__diagsMask)0)
```

#### 4.3.4.499 ti\_sysbios\_knl\_Task\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__gateObj ti_sysbios_knl_Task_Module__gateObj__C =  
((CT__ti_sysbios_knl_Task_Module__gateObj)0)
```

#### 4.3.4.500 ti\_sysbios\_knl\_Task\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__gatePrms ti_sysbios_knl_Task_Module__gatePrms_↵  
__C = ((CT__ti_sysbios_knl_Task_Module__gatePrms)0)
```

#### 4.3.4.501 ti\_sysbios\_knl\_Task\_Module\_\_id\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__id ti_sysbios_knl_Task_Module__id__C = (xdc_↵  
Bits16)0x801e
```



#### 4.3.4.502 ti\_sysbios\_knl\_Task\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__loggerDefined ti_sysbios_knl_Task_Module__loggerDefined__C = 0
```

#### 4.3.4.503 ti\_sysbios\_knl\_Task\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__loggerFxn0 ti_sysbios_knl_Task_Module__loggerFxn0__C = ((CT__ti_sysbios_knl_Task_Module__loggerFxn0)0)
```

#### 4.3.4.504 ti\_sysbios\_knl\_Task\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__loggerFxn1 ti_sysbios_knl_Task_Module__loggerFxn1__C = ((CT__ti_sysbios_knl_Task_Module__loggerFxn1)0)
```

#### 4.3.4.505 ti\_sysbios\_knl\_Task\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__loggerFxn2 ti_sysbios_knl_Task_Module__loggerFxn2__C = ((CT__ti_sysbios_knl_Task_Module__loggerFxn2)0)
```

#### 4.3.4.506 ti\_sysbios\_knl\_Task\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__loggerFxn4 ti_sysbios_knl_Task_Module__loggerFxn4__C = ((CT__ti_sysbios_knl_Task_Module__loggerFxn4)0)
```

#### 4.3.4.507 ti\_sysbios\_knl\_Task\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__loggerFxn8 ti_sysbios_knl_Task_Module__loggerFxn8__C = ((CT__ti_sysbios_knl_Task_Module__loggerFxn8)0)
```

#### 4.3.4.508 ti\_sysbios\_knl\_Task\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__loggerObj ti_sysbios_knl_Task_Module__loggerObj__C = ((CT__ti_sysbios_knl_Task_Module__loggerObj)0)
```

#### 4.3.4.509 ti\_sysbios\_knl\_Task\_Module\_\_root\_\_V

`ti_sysbios_knl_Task_Module__ ti_sysbios_knl_Task_Module__root__V`

##### Initial value:

```
= {
    {&ti_sysbios_knl_Task_Module__root__V.link,
      &ti_sysbios_knl_Task_Module__root__V.link},
}
```

#### 4.3.4.510 ti\_sysbios\_knl\_Task\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__ti_sysbios_knl_Task_Module__startupDoneFxn ti_sysbios_knl_Task_Module__↵
startupDoneFxn__C = ((CT__ti_sysbios_knl_Task_Module__startupDoneFxn)0)
```

#### 4.3.4.511 ti\_sysbios\_knl\_Task\_Module\_\_state\_\_V

`ti_sysbios_knl_Task_Module_State__ ti_sysbios_knl_Task_Module__state__V`

##### Initial value:

```
= {
    1,
    (xdc_UInt)0x0,
    0,
    (xdc_UInt)0x1,
    0,
    0,
    ((void*)ti_sysbios_knl_Task_Module_State_0_readyQ__A),
    ((void*)0),
    ((void*)0),
    ((void*)0),
    ((void*)0),
    ((void*)0),
    ((void*)ti_sysbios_knl_Task_Module_State_0_idleTask__A),
    ((void*)0),
    {
        {
            (ti_sysbios_knl_Queue_Elem*)((void*)&ti_sysbios_knl_Task_Module__state__V.Object_field_inactiveQ.elem),
            (ti_sysbios_knl_Queue_Elem*)((void*)&ti_sysbios_knl_Task_Module__state__V.Object_field_inactiveQ.elem),
        },
    },
    {
        {
            (ti_sysbios_knl_Queue_Elem*)((void*)&ti_sysbios_knl_Task_Module__state__V.Object_field_terminatedQ.elem),
            (ti_sysbios_knl_Queue_Elem*)((void*)&ti_sysbios_knl_Task_Module__state__V.Object_field_terminatedQ.elem),
        },
    },
}
```

#### 4.3.4.512 ti\_sysbios\_knl\_Task\_Module\_State\_0\_idleTask\_\_A

```
__T1__ti_sysbios_knl_Task_Module_State__idleTask ti_sysbios_knl_Task_Module_State_0_idleTask__↵
_A
```

##### Initial value:

```
= {
    (ti_sysbios_knl_Task_Handle)&ti_sysbios_knl_Task_Object__table__V[0],
}
```

**4.3.4.513 ti\_sysbios\_knl\_Task\_Module\_State\_0\_readyQ\_\_A**

```
__Tl_ti_sysbios_knl_Task_Module_State__readyQ ti_sysbios_knl_Task_Module_State_0_readyQ__A
```

**4.3.4.514 ti\_sysbios\_knl\_Task\_Module\_State\_inactiveQ\_\_O**

```
__FAR__ const xdc_SizeT ti_sysbios_knl_Task_Module_State_inactiveQ__O = offsetof(ti_sysbios_knl_Task_Module_State__Object_field_inactiveQ)
```

**4.3.4.515 ti\_sysbios\_knl\_Task\_Module\_State\_terminatedQ\_\_O**

```
__FAR__ const xdc_SizeT ti_sysbios_knl_Task_Module_State_terminatedQ__O = offsetof(ti_sysbios_knl_Task_Module_State__Object_field_terminatedQ)
```

**4.3.4.516 ti\_sysbios\_knl\_Task\_numConstructedTasks\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_numConstructedTasks ti_sysbios_knl_Task_numConstructedTasks__C = (xdc_UInt)0x0
```

**4.3.4.517 ti\_sysbios\_knl\_Task\_numPriorities\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_numPriorities ti_sysbios_knl_Task_numPriorities__C = (xdc_UInt)0x10
```

**4.3.4.518 ti\_sysbios\_knl\_Task\_Object\_\_count\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_Object__count ti_sysbios_knl_Task_Object__count__C = 1
```

**4.3.4.519 ti\_sysbios\_knl\_Task\_Object\_\_DESC\_\_C**

```
__FAR__ const xdc_runtime_Core_ObjDesc ti_sysbios_knl_Task_Object__DESC__C
```

**Initial value:**

```
= {
    (xdc_CPtr)-1,
    &ti_sysbios_knl_Task_Module__root__V.link,
    sizeof(ti_sysbios_knl_Task__S1) - sizeof(ti_sysbios_knl_Task_Object2__),
    0,
    0,
    sizeof(ti_sysbios_knl_Task_Object2__),
    (xdc_CPtr)&ti_sysbios_knl_Task_Object__PARAMS__C,
    sizeof(ti_sysbios_knl_Task_Params),
}
```

**4.3.4.520 ti\_sysbios\_knl\_Task\_Object\_heap\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_Object__heap ti_sysbios_knl_Task_Object__heap__C = 0
```

**4.3.4.521 ti\_sysbios\_knl\_Task\_Object\_PARAMS\_\_C**

```
__FAR__ const ti_sysbios_knl_Task_Params ti_sysbios_knl_Task_Object__PARAMS__C
```

**Initial value:**

```
= {
    sizeof (ti_sysbios_knl_Task_Params),
    0,
    0,
    (xdc_runtime_IInstance_Params*)&ti_sysbios_knl_Task_Object__PARAMS__C.__iprms,
    ((xdc_UArg) (0x0)),
    ((xdc_UArg) (0x0)),
    (xdc_Int) 0x1,
    ((xdc_Ptr) 0),
    (xdc_SizeT) 0x0,
    0,
    ((xdc_Ptr) 0),
    1,
    (xdc_UInt) 0x0,
    {
        sizeof (xdc_runtime_IInstance_Params),
        0,
    },
}
```

**4.3.4.522 ti\_sysbios\_knl\_Task\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_Object__sizeof ti_sysbios_knl_Task_Object__sizeof__C =
sizeof(ti_sysbios_knl_Task_Object__)
```

**4.3.4.523 ti\_sysbios\_knl\_Task\_Object\_\_table\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_Object__table ti_sysbios_knl_Task_Object__table__C =
ti_sysbios_knl_Task_Object__table__V
```

**4.3.4.524 ti\_sysbios\_knl\_Task\_Object\_\_table\_\_V**

`ti_sysbios_knl_Task_Object__ ti_sysbios_knl_Task_Object__table__V`

**Initial value:**

```
= {
    {
        {
            ((ti_sysbios_knl_Queue_Elem*) ((void*)&ti_sysbios_knl_Task_Object__table__V[0].qElem)),
            ((ti_sysbios_knl_Queue_Elem*) ((void*)&ti_sysbios_knl_Task_Object__table__V[0].qElem)),
        },
        (xdc_Int) 0x0,
        (xdc_UInt) 0x1,
        ((xdc_Ptr) 0),
        ti_sysbios_knl_Task_Mode_INACTIVE,
        ((ti_sysbios_knl_Task_PendElem*) 0),
        (xdc_SizeT) 0x200,
        ((void*) ti_sysbios_knl_Task_Instance_State_0_stack__A),
        0,
        ((xdc_Void(*) (xdc_UArg, xdc_UArg)) ((xdc_Fxn) ti_sysbios_knl_Idle_loop__E)),
        ((xdc_UArg) (0x0)),
        ((xdc_UArg) (0x0)),
        ((xdc_Ptr) 0),
        ((void*) 0),
        1,
        0,
        (xdc_UInt) 0x0,
        (xdc_UInt) 0x0,
    },
}
```

**4.3.4.525 ti\_sysbios\_knl\_Task\_startupHookFunc\_\_C**

```
__FAR__ const CT__ti_sysbios_knl_Task_startupHookFunc ti_sysbios_knl_Task_startupHookFunc__C =
((CT__ti_sysbios_knl_Task_startupHookFunc) 0)
```

**4.3.4.526 xdc\_runtime\_Assert\_E\_assertFailed\_\_C**

```
__FAR__ const CT__xdc_runtime_Assert_E_assertFailed xdc_runtime_Assert_E_assertFailed__C =
(((xdc_runtime_Error_Id) 3634) << 16 | 0)
```

**4.3.4.527 xdc\_runtime\_Assert\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__xdc_runtime_Assert_Module__diagsEnabled xdc_runtime_Assert_Module__diags↵
Enabled__C = (xdc_Bits32) 0x10
```

**4.3.4.528 xdc\_runtime\_Assert\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__xdc_runtime_Assert_Module__diagsIncluded xdc_runtime_Assert_Module__diags↵
Included__C = (xdc_Bits32) 0x10
```

#### 4.3.4.529 xdc\_runtime\_Assert\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__xdc_runtime_Assert_Module__diagsMask xdc_runtime_Assert_Module__diagsMask__C = ((CT__xdc_runtime_Assert_Module__diagsMask)0)
```

#### 4.3.4.530 xdc\_runtime\_Assert\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__xdc_runtime_Assert_Module__gateObj xdc_runtime_Assert_Module__gateObj__C = ((CT__xdc_runtime_Assert_Module__gateObj)0)
```

#### 4.3.4.531 xdc\_runtime\_Assert\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__xdc_runtime_Assert_Module__gatePrms xdc_runtime_Assert_Module__gatePrms__C = ((CT__xdc_runtime_Assert_Module__gatePrms)0)
```

#### 4.3.4.532 xdc\_runtime\_Assert\_Module\_\_id\_\_C

```
__FAR__ const CT__xdc_runtime_Assert_Module__id xdc_runtime_Assert_Module__id__C = (xdc__Bits16)0x8002
```

#### 4.3.4.533 xdc\_runtime\_Assert\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__xdc_runtime_Assert_Module__loggerDefined xdc_runtime_Assert_Module__loggerDefined__C = 0
```

#### 4.3.4.534 xdc\_runtime\_Assert\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__xdc_runtime_Assert_Module__loggerFxn0 xdc_runtime_Assert_Module__loggerFxn0__C = ((CT__xdc_runtime_Assert_Module__loggerFxn0)0)
```

#### 4.3.4.535 xdc\_runtime\_Assert\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__xdc_runtime_Assert_Module__loggerFxn1 xdc_runtime_Assert_Module__loggerFxn1__C = ((CT__xdc_runtime_Assert_Module__loggerFxn1)0)
```

**4.3.4.536 xdc\_runtime\_Assert\_Module\_\_loggerFxn2\_\_C**

```
__FAR__ const CT__xdc_runtime_Assert_Module__loggerFxn2 xdc_runtime_Assert_Module__logger↵  
Fxn2__C = ((CT__xdc_runtime_Assert_Module__loggerFxn2)0)
```

**4.3.4.537 xdc\_runtime\_Assert\_Module\_\_loggerFxn4\_\_C**

```
__FAR__ const CT__xdc_runtime_Assert_Module__loggerFxn4 xdc_runtime_Assert_Module__logger↵  
Fxn4__C = ((CT__xdc_runtime_Assert_Module__loggerFxn4)0)
```

**4.3.4.538 xdc\_runtime\_Assert\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__xdc_runtime_Assert_Module__loggerFxn8 xdc_runtime_Assert_Module__logger↵  
Fxn8__C = ((CT__xdc_runtime_Assert_Module__loggerFxn8)0)
```

**4.3.4.539 xdc\_runtime\_Assert\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Assert_Module__loggerObj xdc_runtime_Assert_Module__loggerObj↵  
__C = ((CT__xdc_runtime_Assert_Module__loggerObj)0)
```

**4.3.4.540 xdc\_runtime\_Assert\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__xdc_runtime_Assert_Module__startupDoneFxn xdc_runtime_Assert_Module__↵  
startupDoneFxn__C = ((CT__xdc_runtime_Assert_Module__startupDoneFxn)0)
```

**4.3.4.541 xdc\_runtime\_Assert\_Object\_\_count\_\_C**

```
__FAR__ const CT__xdc_runtime_Assert_Object__count xdc_runtime_Assert_Object__count__C = 0
```

**4.3.4.542 xdc\_runtime\_Assert\_Object\_\_heap\_\_C**

```
__FAR__ const CT__xdc_runtime_Assert_Object__heap xdc_runtime_Assert_Object__heap__C = 0
```

#### 4.3.4.543 xdc\_runtime\_Assert\_Object\_\_sizeof\_\_C

```
__FAR__ const CT__xdc_runtime_Assert_Object__sizeof xdc_runtime_Assert_Object__sizeof__C = 0
```

#### 4.3.4.544 xdc\_runtime\_Assert\_Object\_\_table\_\_C

```
__FAR__ const CT__xdc_runtime_Assert_Object__table xdc_runtime_Assert_Object__table__C = 0
```

#### 4.3.4.545 xdc\_runtime\_Core\_A\_initializedParams\_\_C

```
__FAR__ const CT__xdc_runtime_Core_A_initializedParams xdc_runtime_Core_A_initializedParams__C = (((xdc_runtime_Assert_Id)1) << 16 | 16)
```

#### 4.3.4.546 xdc\_runtime\_Core\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__xdc_runtime_Core_Module__diagsEnabled xdc_runtime_Core_Module__diagsEnabled__C = (xdc_Bits32)0x10
```

#### 4.3.4.547 xdc\_runtime\_Core\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT__xdc_runtime_Core_Module__diagsIncluded xdc_runtime_Core_Module__diagsIncluded__C = (xdc_Bits32)0x10
```

#### 4.3.4.548 xdc\_runtime\_Core\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__xdc_runtime_Core_Module__diagsMask xdc_runtime_Core_Module__diagsMask__C = ((CT__xdc_runtime_Core_Module__diagsMask)0)
```

#### 4.3.4.549 xdc\_runtime\_Core\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__xdc_runtime_Core_Module__gateObj xdc_runtime_Core_Module__gateObj__C = ((CT__xdc_runtime_Core_Module__gateObj)0)
```



**4.3.4.550 xdc\_runtime\_Core\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__xdc_runtime_Core_Module__gatePrms xdc_runtime_Core_Module__gatePrms__C =  
((CT__xdc_runtime_Core_Module__gatePrms)0)
```

**4.3.4.551 xdc\_runtime\_Core\_Module\_\_id\_\_C**

```
__FAR__ const CT__xdc_runtime_Core_Module__id xdc_runtime_Core_Module__id__C = (xdc_Bits16)0x8003
```

**4.3.4.552 xdc\_runtime\_Core\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__xdc_runtime_Core_Module__loggerDefined xdc_runtime_Core_Module__logger↔  
Defined__C = 0
```

**4.3.4.553 xdc\_runtime\_Core\_Module\_\_loggerFxn0\_\_C**

```
__FAR__ const CT__xdc_runtime_Core_Module__loggerFxn0 xdc_runtime_Core_Module__loggerFxn0__C =  
((CT__xdc_runtime_Core_Module__loggerFxn0)0)
```

**4.3.4.554 xdc\_runtime\_Core\_Module\_\_loggerFxn1\_\_C**

```
__FAR__ const CT__xdc_runtime_Core_Module__loggerFxn1 xdc_runtime_Core_Module__loggerFxn1__C =  
((CT__xdc_runtime_Core_Module__loggerFxn1)0)
```

**4.3.4.555 xdc\_runtime\_Core\_Module\_\_loggerFxn2\_\_C**

```
__FAR__ const CT__xdc_runtime_Core_Module__loggerFxn2 xdc_runtime_Core_Module__loggerFxn2__C =  
((CT__xdc_runtime_Core_Module__loggerFxn2)0)
```

**4.3.4.556 xdc\_runtime\_Core\_Module\_\_loggerFxn4\_\_C**

```
__FAR__ const CT__xdc_runtime_Core_Module__loggerFxn4 xdc_runtime_Core_Module__loggerFxn4__C =  
((CT__xdc_runtime_Core_Module__loggerFxn4)0)
```

#### 4.3.4.557 xdc\_runtime\_Core\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__xdc_runtime_Core_Module__loggerFxn8 xdc_runtime_Core_Module__loggerFxn8__C =  
((CT__xdc_runtime_Core_Module__loggerFxn8)0)
```

#### 4.3.4.558 xdc\_runtime\_Core\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__xdc_runtime_Core_Module__loggerObj xdc_runtime_Core_Module__loggerObj__C =  
((CT__xdc_runtime_Core_Module__loggerObj)0)
```

#### 4.3.4.559 xdc\_runtime\_Core\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__xdc_runtime_Core_Module__startupDoneFxn xdc_runtime_Core_Module__startupDoneFxn__C =  
((CT__xdc_runtime_Core_Module__startupDoneFxn)0)
```

#### 4.3.4.560 xdc\_runtime\_Core\_Object\_\_count\_\_C

```
__FAR__ const CT__xdc_runtime_Core_Object__count xdc_runtime_Core_Object__count__C = 0
```

#### 4.3.4.561 xdc\_runtime\_Core\_Object\_\_heap\_\_C

```
__FAR__ const CT__xdc_runtime_Core_Object__heap xdc_runtime_Core_Object__heap__C = 0
```

#### 4.3.4.562 xdc\_runtime\_Core\_Object\_\_sizeof\_\_C

```
__FAR__ const CT__xdc_runtime_Core_Object__sizeof xdc_runtime_Core_Object__sizeof__C = 0
```

#### 4.3.4.563 xdc\_runtime\_Core\_Object\_\_table\_\_C

```
__FAR__ const CT__xdc_runtime_Core_Object__table xdc_runtime_Core_Object__table__C = 0
```

**4.3.4.564 xdc\_runtime\_Defaults\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__xdc_runtime_Defaults_Module__diagsEnabled xdc_runtime_Defaults_Module__↵  
diagsEnabled__C = (xdc_Bits32)0x90
```

**4.3.4.565 xdc\_runtime\_Defaults\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__xdc_runtime_Defaults_Module__diagsIncluded xdc_runtime_Defaults_Module__↵  
diagsIncluded__C = (xdc_Bits32)0x90
```

**4.3.4.566 xdc\_runtime\_Defaults\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__xdc_runtime_Defaults_Module__diagsMask xdc_runtime_Defaults_Module__diags↵  
Mask__C = ((CT__xdc_runtime_Defaults_Module__diagsMask)0)
```

**4.3.4.567 xdc\_runtime\_Defaults\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Defaults_Module__gateObj xdc_runtime_Defaults_Module__gateObj↵  
__C = ((CT__xdc_runtime_Defaults_Module__gateObj)0)
```

**4.3.4.568 xdc\_runtime\_Defaults\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__xdc_runtime_Defaults_Module__gatePrms xdc_runtime_Defaults_Module__gate↵  
Prms__C = ((CT__xdc_runtime_Defaults_Module__gatePrms)0)
```

**4.3.4.569 xdc\_runtime\_Defaults\_Module\_\_id\_\_C**

```
__FAR__ const CT__xdc_runtime_Defaults_Module__id xdc_runtime_Defaults_Module__id__C = (xdc↵  
Bits16)0x8004
```

**4.3.4.570 xdc\_runtime\_Defaults\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__xdc_runtime_Defaults_Module__loggerDefined xdc_runtime_Defaults_Module__↵  
loggerDefined__C = 0
```

#### 4.3.4.571 xdc\_runtime\_Defaults\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__xdc_runtime_Defaults_Module__loggerFxn0 xdc_runtime_Defaults_Module__↵  
loggerFxn0__C = ((CT__xdc_runtime_Defaults_Module__loggerFxn0)0)
```

#### 4.3.4.572 xdc\_runtime\_Defaults\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__xdc_runtime_Defaults_Module__loggerFxn1 xdc_runtime_Defaults_Module__↵  
loggerFxn1__C = ((CT__xdc_runtime_Defaults_Module__loggerFxn1)0)
```

#### 4.3.4.573 xdc\_runtime\_Defaults\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__xdc_runtime_Defaults_Module__loggerFxn2 xdc_runtime_Defaults_Module__↵  
loggerFxn2__C = ((CT__xdc_runtime_Defaults_Module__loggerFxn2)0)
```

#### 4.3.4.574 xdc\_runtime\_Defaults\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__xdc_runtime_Defaults_Module__loggerFxn4 xdc_runtime_Defaults_Module__↵  
loggerFxn4__C = ((CT__xdc_runtime_Defaults_Module__loggerFxn4)0)
```

#### 4.3.4.575 xdc\_runtime\_Defaults\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__xdc_runtime_Defaults_Module__loggerFxn8 xdc_runtime_Defaults_Module__↵  
loggerFxn8__C = ((CT__xdc_runtime_Defaults_Module__loggerFxn8)0)
```

#### 4.3.4.576 xdc\_runtime\_Defaults\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__xdc_runtime_Defaults_Module__loggerObj xdc_runtime_Defaults_Module__logger↵  
Obj__C = ((CT__xdc_runtime_Defaults_Module__loggerObj)0)
```

#### 4.3.4.577 xdc\_runtime\_Defaults\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__xdc_runtime_Defaults_Module__startupDoneFxn xdc_runtime_Defaults_Module__↵  
startupDoneFxn__C = ((CT__xdc_runtime_Defaults_Module__startupDoneFxn)0)
```

**4.3.4.578 xdc\_runtime\_Defaults\_Object\_\_count\_\_C**

```
__FAR__ const CT__xdc_runtime_Defaults_Object__count xdc_runtime_Defaults_Object__count__C = 0
```

**4.3.4.579 xdc\_runtime\_Defaults\_Object\_\_heap\_\_C**

```
__FAR__ const CT__xdc_runtime_Defaults_Object__heap xdc_runtime_Defaults_Object__heap__C = 0
```

**4.3.4.580 xdc\_runtime\_Defaults\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__xdc_runtime_Defaults_Object__sizeof xdc_runtime_Defaults_Object__sizeof__C = 0
```

**4.3.4.581 xdc\_runtime\_Defaults\_Object\_\_table\_\_C**

```
__FAR__ const CT__xdc_runtime_Defaults_Object__table xdc_runtime_Defaults_Object__table__C = 0
```

**4.3.4.582 xdc\_runtime\_Diags\_dictBase\_\_C**

```
__FAR__ const CT__xdc_runtime_Diags_dictBase xdc_runtime_Diags_dictBase__C = ((CT__xdc_runtime_Diags_dictBase)0)
```

**4.3.4.583 xdc\_runtime\_Diags\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__xdc_runtime_Diags_Module__diagsEnabled xdc_runtime_Diags_Module__diagsEnabled__C = (xdc_Bits32)0x10
```

**4.3.4.584 xdc\_runtime\_Diags\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__xdc_runtime_Diags_Module__diagsIncluded xdc_runtime_Diags_Module__diagsIncluded__C = (xdc_Bits32)0x10
```

#### 4.3.4.585 xdc\_runtime\_Diags\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__xdc_runtime_Diags_Module__diagsMask xdc_runtime_Diags_Module__diagsMask__C =  
((CT__xdc_runtime_Diags_Module__diagsMask)0)
```

#### 4.3.4.586 xdc\_runtime\_Diags\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__xdc_runtime_Diags_Module__gateObj xdc_runtime_Diags_Module__gateObj__C =  
((CT__xdc_runtime_Diags_Module__gateObj)0)
```

#### 4.3.4.587 xdc\_runtime\_Diags\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__xdc_runtime_Diags_Module__gatePrms xdc_runtime_Diags_Module__gatePrms__C =  
((CT__xdc_runtime_Diags_Module__gatePrms)0)
```

#### 4.3.4.588 xdc\_runtime\_Diags\_Module\_\_id\_\_C

```
__FAR__ const CT__xdc_runtime_Diags_Module__id xdc_runtime_Diags_Module__id__C = (xdc_Bits16)0x8005
```

#### 4.3.4.589 xdc\_runtime\_Diags\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__xdc_runtime_Diags_Module__loggerDefined xdc_runtime_Diags_Module__logger↵  
Defined__C = 0
```

#### 4.3.4.590 xdc\_runtime\_Diags\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__xdc_runtime_Diags_Module__loggerFxn0 xdc_runtime_Diags_Module__loggerFxn0↵  
__C = ((CT__xdc_runtime_Diags_Module__loggerFxn0)0)
```

#### 4.3.4.591 xdc\_runtime\_Diags\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__xdc_runtime_Diags_Module__loggerFxn1 xdc_runtime_Diags_Module__loggerFxn1↵  
__C = ((CT__xdc_runtime_Diags_Module__loggerFxn1)0)
```

**4.3.4.592 xdc\_runtime\_Diags\_Module\_\_loggerFxn2\_\_C**

```
__FAR__ const CT__xdc_runtime_Diags_Module__loggerFxn2 xdc_runtime_Diags_Module__loggerFxn2__C = ((CT__xdc_runtime_Diags_Module__loggerFxn2)0)
```

**4.3.4.593 xdc\_runtime\_Diags\_Module\_\_loggerFxn4\_\_C**

```
__FAR__ const CT__xdc_runtime_Diags_Module__loggerFxn4 xdc_runtime_Diags_Module__loggerFxn4__C = ((CT__xdc_runtime_Diags_Module__loggerFxn4)0)
```

**4.3.4.594 xdc\_runtime\_Diags\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__xdc_runtime_Diags_Module__loggerFxn8 xdc_runtime_Diags_Module__loggerFxn8__C = ((CT__xdc_runtime_Diags_Module__loggerFxn8)0)
```

**4.3.4.595 xdc\_runtime\_Diags\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Diags_Module__loggerObj xdc_runtime_Diags_Module__loggerObj__C = ((CT__xdc_runtime_Diags_Module__loggerObj)0)
```

**4.3.4.596 xdc\_runtime\_Diags\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__xdc_runtime_Diags_Module__startupDoneFxn xdc_runtime_Diags_Module__startupDoneFxn__C = ((CT__xdc_runtime_Diags_Module__startupDoneFxn)0)
```

**4.3.4.597 xdc\_runtime\_Diags\_Object\_\_count\_\_C**

```
__FAR__ const CT__xdc_runtime_Diags_Object__count xdc_runtime_Diags_Object__count__C = 0
```

**4.3.4.598 xdc\_runtime\_Diags\_Object\_\_heap\_\_C**

```
__FAR__ const CT__xdc_runtime_Diags_Object__heap xdc_runtime_Diags_Object__heap__C = 0
```

#### 4.3.4.599 xdc\_runtime\_Diags\_Object\_\_sizeof\_\_C

```
__FAR__ const CT__xdc_runtime_Diags_Object__sizeof xdc_runtime_Diags_Object__sizeof__C = 0
```

#### 4.3.4.600 xdc\_runtime\_Diags\_Object\_\_table\_\_C

```
__FAR__ const CT__xdc_runtime_Diags_Object__table xdc_runtime_Diags_Object__table__C = 0
```

#### 4.3.4.601 xdc\_runtime\_Diags\_setMaskEnabled\_\_C

```
__FAR__ const CT__xdc_runtime_Diags_setMaskEnabled xdc_runtime_Diags_setMaskEnabled__C = 0
```

#### 4.3.4.602 xdc\_runtime\_Error\_E\_generic\_\_C

```
__FAR__ const CT__xdc_runtime_Error_E_generic xdc_runtime_Error_E_generic__C = (((xdc_runtime_↵  
_Error_Id)3656) << 16 | 0)
```

#### 4.3.4.603 xdc\_runtime\_Error\_E\_memory\_\_C

```
__FAR__ const CT__xdc_runtime_Error_E_memory xdc_runtime_Error_E_memory__C = (((xdc_runtime_↵  
Error_Id)3660) << 16 | 0)
```

#### 4.3.4.604 xdc\_runtime\_Error\_E\_msgCode\_\_C

```
__FAR__ const CT__xdc_runtime_Error_E_msgCode xdc_runtime_Error_E_msgCode__C = (((xdc_runtime_↵  
_Error_Id)3694) << 16 | 0)
```

#### 4.3.4.605 xdc\_runtime\_Error\_maxDepth\_\_C

```
__FAR__ const CT__xdc_runtime_Error_maxDepth xdc_runtime_Error_maxDepth__C = (xdc_UInt16)0x2
```



**4.3.4.606 xdc\_runtime\_Error\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_Module__diagsEnabled xdc_runtime_Error_Module__diags↵  
Enabled__C = (xdc_Bits32)0x90
```

**4.3.4.607 xdc\_runtime\_Error\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_Module__diagsIncluded xdc_runtime_Error_Module__diags↵  
Included__C = (xdc_Bits32)0x90
```

**4.3.4.608 xdc\_runtime\_Error\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_Module__diagsMask xdc_runtime_Error_Module__diagsMask__C =  
((CT__xdc_runtime_Error_Module__diagsMask)0)
```

**4.3.4.609 xdc\_runtime\_Error\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_Module__gateObj xdc_runtime_Error_Module__gateObj__C =  
((CT__xdc_runtime_Error_Module__gateObj)0)
```

**4.3.4.610 xdc\_runtime\_Error\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_Module__gatePrms xdc_runtime_Error_Module__gatePrms__C =  
((CT__xdc_runtime_Error_Module__gatePrms)0)
```

**4.3.4.611 xdc\_runtime\_Error\_Module\_\_id\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_Module__id xdc_runtime_Error_Module__id__C = (xdc_Bits16)0x8006
```

**4.3.4.612 xdc\_runtime\_Error\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_Module__loggerDefined xdc_runtime_Error_Module__logger↵  
Defined__C = 0
```

#### 4.3.4.613 xdc\_runtime\_Error\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__xdc_runtime_Error_Module__loggerFxn0 xdc_runtime_Error_Module__loggerFxn0↔  
_C = ((CT__xdc_runtime_Error_Module__loggerFxn0)0)
```

#### 4.3.4.614 xdc\_runtime\_Error\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__xdc_runtime_Error_Module__loggerFxn1 xdc_runtime_Error_Module__loggerFxn1↔  
_C = ((CT__xdc_runtime_Error_Module__loggerFxn1)0)
```

#### 4.3.4.615 xdc\_runtime\_Error\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__xdc_runtime_Error_Module__loggerFxn2 xdc_runtime_Error_Module__loggerFxn2↔  
_C = ((CT__xdc_runtime_Error_Module__loggerFxn2)0)
```

#### 4.3.4.616 xdc\_runtime\_Error\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__xdc_runtime_Error_Module__loggerFxn4 xdc_runtime_Error_Module__loggerFxn4↔  
_C = ((CT__xdc_runtime_Error_Module__loggerFxn4)0)
```

#### 4.3.4.617 xdc\_runtime\_Error\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__xdc_runtime_Error_Module__loggerFxn8 xdc_runtime_Error_Module__loggerFxn8↔  
_C = ((CT__xdc_runtime_Error_Module__loggerFxn8)0)
```

#### 4.3.4.618 xdc\_runtime\_Error\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__xdc_runtime_Error_Module__loggerObj xdc_runtime_Error_Module__loggerObj__C =  
((CT__xdc_runtime_Error_Module__loggerObj)0)
```

#### 4.3.4.619 xdc\_runtime\_Error\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__xdc_runtime_Error_Module__startupDoneFxn xdc_runtime_Error_Module__startup↔  
DoneFxn__C = ((CT__xdc_runtime_Error_Module__startupDoneFxn)0)
```

**4.3.4.620 xdc\_runtime\_Error\_Module\_\_state\_\_V**

```
xdc_runtime_Error_Module_State__ xdc_runtime_Error_Module__state__V
```

**Initial value:**

```
= {
    (xdc_UInt16) 0x0,
}
```

**4.3.4.621 xdc\_runtime\_Error\_Object\_\_count\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_Object__count xdc_runtime_Error_Object__count__C = 0
```

**4.3.4.622 xdc\_runtime\_Error\_Object\_\_heap\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_Object__heap xdc_runtime_Error_Object__heap__C = 0
```

**4.3.4.623 xdc\_runtime\_Error\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_Object__sizeof xdc_runtime_Error_Object__sizeof__C = 0
```

**4.3.4.624 xdc\_runtime\_Error\_Object\_\_table\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_Object__table xdc_runtime_Error_Object__table__C = 0
```

**4.3.4.625 xdc\_runtime\_Error\_policy\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_policy xdc_runtime_Error_policy__C = xdc_runtime_Error_↵
UNWIND
```

**4.3.4.626 xdc\_runtime\_Error\_policyFxn\_\_C**

```
__FAR__ const CT__xdc_runtime_Error_policyFxn xdc_runtime_Error_policyFxn__C = ((CT__xdc_↵
runtime_Error_policyFxn) ((xdc_Fxn) xdc_runtime_Error_policyDefault__E))
```

#### 4.3.4.627 xdc\_runtime\_Error\_raiseHook\_\_C

```
__FAR__ const CT__xdc_runtime_Error_raiseHook xdc_runtime_Error_raiseHook__C = ((CT__xdc_runtime_Error_raiseHook)((xdc_Fxn)ti_sysbios_BIOS_errorRaiseHook__I))
```

#### 4.3.4.628 xdc\_runtime\_Gate\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__xdc_runtime_Gate_Module__diagsEnabled xdc_runtime_Gate_Module__diagsEnabled__C = (xdc_Bits32)0x10
```

#### 4.3.4.629 xdc\_runtime\_Gate\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT__xdc_runtime_Gate_Module__diagsIncluded xdc_runtime_Gate_Module__diagsIncluded__C = (xdc_Bits32)0x10
```

#### 4.3.4.630 xdc\_runtime\_Gate\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__xdc_runtime_Gate_Module__diagsMask xdc_runtime_Gate_Module__diagsMask__C = ((CT__xdc_runtime_Gate_Module__diagsMask)0)
```

#### 4.3.4.631 xdc\_runtime\_Gate\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__xdc_runtime_Gate_Module__gateObj xdc_runtime_Gate_Module__gateObj__C = ((CT__xdc_runtime_Gate_Module__gateObj)0)
```

#### 4.3.4.632 xdc\_runtime\_Gate\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__xdc_runtime_Gate_Module__gatePrms xdc_runtime_Gate_Module__gatePrms__C = ((CT__xdc_runtime_Gate_Module__gatePrms)0)
```

#### 4.3.4.633 xdc\_runtime\_Gate\_Module\_\_id\_\_C

```
__FAR__ const CT__xdc_runtime_Gate_Module__id xdc_runtime_Gate_Module__id__C = (xdc_Bits16)0x8007
```

**4.3.4.634 xdc\_runtime\_Gate\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__xdc_runtime_Gate_Module__loggerDefined xdc_runtime_Gate_Module__logger↵  
Defined__C = 0
```

**4.3.4.635 xdc\_runtime\_Gate\_Module\_\_loggerFxn0\_\_C**

```
__FAR__ const CT__xdc_runtime_Gate_Module__loggerFxn0 xdc_runtime_Gate_Module__loggerFxn0__C =  
((CT__xdc_runtime_Gate_Module__loggerFxn0)0)
```

**4.3.4.636 xdc\_runtime\_Gate\_Module\_\_loggerFxn1\_\_C**

```
__FAR__ const CT__xdc_runtime_Gate_Module__loggerFxn1 xdc_runtime_Gate_Module__loggerFxn1__C =  
((CT__xdc_runtime_Gate_Module__loggerFxn1)0)
```

**4.3.4.637 xdc\_runtime\_Gate\_Module\_\_loggerFxn2\_\_C**

```
__FAR__ const CT__xdc_runtime_Gate_Module__loggerFxn2 xdc_runtime_Gate_Module__loggerFxn2__C =  
((CT__xdc_runtime_Gate_Module__loggerFxn2)0)
```

**4.3.4.638 xdc\_runtime\_Gate\_Module\_\_loggerFxn4\_\_C**

```
__FAR__ const CT__xdc_runtime_Gate_Module__loggerFxn4 xdc_runtime_Gate_Module__loggerFxn4__C =  
((CT__xdc_runtime_Gate_Module__loggerFxn4)0)
```

**4.3.4.639 xdc\_runtime\_Gate\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__xdc_runtime_Gate_Module__loggerFxn8 xdc_runtime_Gate_Module__loggerFxn8__C =  
((CT__xdc_runtime_Gate_Module__loggerFxn8)0)
```

**4.3.4.640 xdc\_runtime\_Gate\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Gate_Module__loggerObj xdc_runtime_Gate_Module__loggerObj__C =  
((CT__xdc_runtime_Gate_Module__loggerObj)0)
```

#### 4.3.4.641 xdc\_runtime\_Gate\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__xdc_runtime_Gate_Module__startupDoneFxn xdc_runtime_Gate_Module__startupDoneFxn__C = ((CT__xdc_runtime_Gate_Module__startupDoneFxn) 0)
```

#### 4.3.4.642 xdc\_runtime\_Gate\_Object\_\_count\_\_C

```
__FAR__ const CT__xdc_runtime_Gate_Object__count xdc_runtime_Gate_Object__count__C = 0
```

#### 4.3.4.643 xdc\_runtime\_Gate\_Object\_\_heap\_\_C

```
__FAR__ const CT__xdc_runtime_Gate_Object__heap xdc_runtime_Gate_Object__heap__C = 0
```

#### 4.3.4.644 xdc\_runtime\_Gate\_Object\_\_sizeof\_\_C

```
__FAR__ const CT__xdc_runtime_Gate_Object__sizeof xdc_runtime_Gate_Object__sizeof__C = 0
```

#### 4.3.4.645 xdc\_runtime\_Gate\_Object\_\_table\_\_C

```
__FAR__ const CT__xdc_runtime_Gate_Object__table xdc_runtime_Gate_Object__table__C = 0
```

#### 4.3.4.646 xdc\_runtime\_IGateProvider\_Interface\_\_BASE\_\_C

```
__FAR__ const xdc_runtime_Types_Base xdc_runtime_IGateProvider_Interface__BASE__C = {(void *)&xdc_runtime_IModule_Interface__BASE__C}
```

#### 4.3.4.647 xdc\_runtime\_IHeap\_Interface\_\_BASE\_\_C

```
__FAR__ const xdc_runtime_Types_Base xdc_runtime_IHeap_Interface__BASE__C = {(void *)&xdc_runtime_IModule_Interface__BASE__C}
```

**4.3.4.648 xdc\_runtime\_IModule\_Interface\_\_BASE\_\_C**

```
__FAR__ const xdc_runtime_Types_Base xdc_runtime_IModule_Interface__BASE__C = {0}
```

**4.3.4.649 xdc\_runtime\_ISystemSupport\_Interface\_\_BASE\_\_C**

```
__FAR__ const xdc_runtime_Types_Base xdc_runtime_ISystemSupport_Interface__BASE__C = {(void  
*)&xdc_runtime_IModule_Interface__BASE__C}
```

**4.3.4.650 xdc\_runtime\_Log\_L\_construct\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_L_construct xdc_runtime_Log_L_construct__C = (((xdc_runtime_↵  
_Log_Event)4823) << 16 | 4)
```

**4.3.4.651 xdc\_runtime\_Log\_L\_create\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_L_create xdc_runtime_Log_L_create__C = (((xdc_runtime_Log_↵  
Event)4847) << 16 | 4)
```

**4.3.4.652 xdc\_runtime\_Log\_L\_delete\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_L_delete xdc_runtime_Log_L_delete__C = (((xdc_runtime_Log_↵  
Event)4887) << 16 | 4)
```

**4.3.4.653 xdc\_runtime\_Log\_L\_destruct\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_L_destruct xdc_runtime_Log_L_destruct__C = (((xdc_runtime_↵  
Log_Event)4868) << 16 | 4)
```

**4.3.4.654 xdc\_runtime\_Log\_L\_error\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_L_error xdc_runtime_Log_L_error__C = (((xdc_runtime_Log_↵  
Event)4904) << 16 | 192)
```

#### 4.3.4.655 xdc\_runtime\_Log\_L\_info\_\_C

```
__FAR__ const CT__xdc_runtime_Log_L_info xdc_runtime_Log_L_info__C = (((xdc_runtime_Log_↵  
Event)4934) << 16 | 16384)
```

#### 4.3.4.656 xdc\_runtime\_Log\_L\_start\_\_C

```
__FAR__ const CT__xdc_runtime_Log_L_start xdc_runtime_Log_L_start__C = (((xdc_runtime_Log_↵  
Event)4941) << 16 | 32768)
```

#### 4.3.4.657 xdc\_runtime\_Log\_L\_startInstance\_\_C

```
__FAR__ const CT__xdc_runtime_Log_L_startInstance xdc_runtime_Log_L_startInstance__C = (((xdc_↵  
_runtime_Log_Event)4962) << 16 | 32768)
```

#### 4.3.4.658 xdc\_runtime\_Log\_L\_stop\_\_C

```
__FAR__ const CT__xdc_runtime_Log_L_stop xdc_runtime_Log_L_stop__C = (((xdc_runtime_Log_↵  
Event)4952) << 16 | 32768)
```

#### 4.3.4.659 xdc\_runtime\_Log\_L\_stopInstance\_\_C

```
__FAR__ const CT__xdc_runtime_Log_L_stopInstance xdc_runtime_Log_L_stopInstance__C = (((xdc_↵  
runtime_Log_Event)4981) << 16 | 32768)
```

#### 4.3.4.660 xdc\_runtime\_Log\_L\_warning\_\_C

```
__FAR__ const CT__xdc_runtime_Log_L_warning xdc_runtime_Log_L_warning__C = (((xdc_runtime_↵  
Log_Event)4918) << 16 | 224)
```

#### 4.3.4.661 xdc\_runtime\_Log\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__xdc_runtime_Log_Module__diagsEnabled xdc_runtime_Log_Module__diagsEnabled_↵  
__C = (xdc_Bits32)0x10
```



**4.3.4.662 xdc\_runtime\_Log\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_Module__diagsIncluded xdc_runtime_Log_Module__diagsIncluded↵  
__C = (xdc_Bits32)0x10
```

**4.3.4.663 xdc\_runtime\_Log\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_Module__diagsMask xdc_runtime_Log_Module__diagsMask__C =  
((CT__xdc_runtime_Log_Module__diagsMask)0)
```

**4.3.4.664 xdc\_runtime\_Log\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_Module__gateObj xdc_runtime_Log_Module__gateObj__C = ((CT↵  
__xdc_runtime_Log_Module__gateObj)0)
```

**4.3.4.665 xdc\_runtime\_Log\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_Module__gatePrms xdc_runtime_Log_Module__gatePrms__C = ((CT↵  
__xdc_runtime_Log_Module__gatePrms)0)
```

**4.3.4.666 xdc\_runtime\_Log\_Module\_\_id\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_Module__id xdc_runtime_Log_Module__id__C = (xdc_Bits16)0x8008
```

**4.3.4.667 xdc\_runtime\_Log\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_Module__loggerDefined xdc_runtime_Log_Module__loggerDefined↵  
__C = 0
```

**4.3.4.668 xdc\_runtime\_Log\_Module\_\_loggerFxn0\_\_C**

```
__FAR__ const CT__xdc_runtime_Log_Module__loggerFxn0 xdc_runtime_Log_Module__loggerFxn0__C =  
((CT__xdc_runtime_Log_Module__loggerFxn0)0)
```

#### 4.3.4.669 xdc\_runtime\_Log\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__xdc_runtime_Log_Module__loggerFxn1 xdc_runtime_Log_Module__loggerFxn1__C =  
((CT__xdc_runtime_Log_Module__loggerFxn1)0)
```

#### 4.3.4.670 xdc\_runtime\_Log\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__xdc_runtime_Log_Module__loggerFxn2 xdc_runtime_Log_Module__loggerFxn2__C =  
((CT__xdc_runtime_Log_Module__loggerFxn2)0)
```

#### 4.3.4.671 xdc\_runtime\_Log\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__xdc_runtime_Log_Module__loggerFxn4 xdc_runtime_Log_Module__loggerFxn4__C =  
((CT__xdc_runtime_Log_Module__loggerFxn4)0)
```

#### 4.3.4.672 xdc\_runtime\_Log\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__xdc_runtime_Log_Module__loggerFxn8 xdc_runtime_Log_Module__loggerFxn8__C =  
((CT__xdc_runtime_Log_Module__loggerFxn8)0)
```

#### 4.3.4.673 xdc\_runtime\_Log\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__xdc_runtime_Log_Module__loggerObj xdc_runtime_Log_Module__loggerObj__C =  
((CT__xdc_runtime_Log_Module__loggerObj)0)
```

#### 4.3.4.674 xdc\_runtime\_Log\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__xdc_runtime_Log_Module__startupDoneFxn xdc_runtime_Log_Module__startupDone↵  
Fxn__C = ((CT__xdc_runtime_Log_Module__startupDoneFxn)0)
```

#### 4.3.4.675 xdc\_runtime\_Log\_Object\_\_count\_\_C

```
__FAR__ const CT__xdc_runtime_Log_Object__count xdc_runtime_Log_Object__count__C = 0
```

**4.3.4.676 xdc\_runtime\_Log\_Object\_heap\_C**

```
__FAR__ const CT__xdc_runtime_Log_Object_heap xdc_runtime_Log_Object_heap_C = 0
```

**4.3.4.677 xdc\_runtime\_Log\_Object\_sizeof\_C**

```
__FAR__ const CT__xdc_runtime_Log_Object_sizeof xdc_runtime_Log_Object_sizeof_C = 0
```

**4.3.4.678 xdc\_runtime\_Log\_Object\_table\_C**

```
__FAR__ const CT__xdc_runtime_Log_Object_table xdc_runtime_Log_Object_table_C = 0
```

**4.3.4.679 xdc\_runtime\_Main\_Module\_diagsEnabled\_C**

```
__FAR__ const CT__xdc_runtime_Main_Module_diagsEnabled xdc_runtime_Main_Module_diagsEnabled_C = (xdc_Bits32)0x90
```

**4.3.4.680 xdc\_runtime\_Main\_Module\_diagsIncluded\_C**

```
__FAR__ const CT__xdc_runtime_Main_Module_diagsIncluded xdc_runtime_Main_Module_diagsIncluded_C = (xdc_Bits32)0x90
```

**4.3.4.681 xdc\_runtime\_Main\_Module\_diagsMask\_C**

```
__FAR__ const CT__xdc_runtime_Main_Module_diagsMask xdc_runtime_Main_Module_diagsMask_C = ((CT__xdc_runtime_Main_Module_diagsMask)0)
```

**4.3.4.682 xdc\_runtime\_Main\_Module\_gateObj\_C**

```
__FAR__ const CT__xdc_runtime_Main_Module_gateObj xdc_runtime_Main_Module_gateObj_C = ((CT__xdc_runtime_Main_Module_gateObj)((void*)(xdc_runtime_IGateProvider_Handle)&ti_sysbios_gates_GateHwi_Object_
```

#### 4.3.4.683 xdc\_runtime\_Main\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__xdc_runtime_Main_Module__gatePrms xdc_runtime_Main_Module__gatePrms__C =  
((CT__xdc_runtime_Main_Module__gatePrms)0)
```

#### 4.3.4.684 xdc\_runtime\_Main\_Module\_\_id\_\_C

```
__FAR__ const CT__xdc_runtime_Main_Module__id xdc_runtime_Main_Module__id__C = (xdc_Bits16)0x8009
```

#### 4.3.4.685 xdc\_runtime\_Main\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__xdc_runtime_Main_Module__loggerDefined xdc_runtime_Main_Module__logger↔  
Defined__C = 0
```

#### 4.3.4.686 xdc\_runtime\_Main\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__xdc_runtime_Main_Module__loggerFxn0 xdc_runtime_Main_Module__loggerFxn0__C =  
((CT__xdc_runtime_Main_Module__loggerFxn0)0)
```

#### 4.3.4.687 xdc\_runtime\_Main\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__xdc_runtime_Main_Module__loggerFxn1 xdc_runtime_Main_Module__loggerFxn1__C =  
((CT__xdc_runtime_Main_Module__loggerFxn1)0)
```

#### 4.3.4.688 xdc\_runtime\_Main\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__xdc_runtime_Main_Module__loggerFxn2 xdc_runtime_Main_Module__loggerFxn2__C =  
((CT__xdc_runtime_Main_Module__loggerFxn2)0)
```

#### 4.3.4.689 xdc\_runtime\_Main\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__xdc_runtime_Main_Module__loggerFxn4 xdc_runtime_Main_Module__loggerFxn4__C =  
((CT__xdc_runtime_Main_Module__loggerFxn4)0)
```

**4.3.4.690 xdc\_runtime\_Main\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__xdc_runtime_Main_Module__loggerFxn8 xdc_runtime_Main_Module__loggerFxn8__C =  
((CT__xdc_runtime_Main_Module__loggerFxn8)0)
```

**4.3.4.691 xdc\_runtime\_Main\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Main_Module__loggerObj xdc_runtime_Main_Module__loggerObj__C =  
((CT__xdc_runtime_Main_Module__loggerObj)0)
```

**4.3.4.692 xdc\_runtime\_Main\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__xdc_runtime_Main_Module__startupDoneFxn xdc_runtime_Main_Module__startup↵  
DoneFxn__C = ((CT__xdc_runtime_Main_Module__startupDoneFxn)0)
```

**4.3.4.693 xdc\_runtime\_Main\_Module\_GateProxy\_Module\_\_root\_\_V**

```
xdc_runtime_Main_Module_GateProxy_Module__ xdc_runtime_Main_Module_GateProxy_Module__root__V  
[extern]
```

**4.3.4.694 xdc\_runtime\_Main\_Object\_\_count\_\_C**

```
__FAR__ const CT__xdc_runtime_Main_Object__count xdc_runtime_Main_Object__count__C = 0
```

**4.3.4.695 xdc\_runtime\_Main\_Object\_\_heap\_\_C**

```
__FAR__ const CT__xdc_runtime_Main_Object__heap xdc_runtime_Main_Object__heap__C = 0
```

**4.3.4.696 xdc\_runtime\_Main\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__xdc_runtime_Main_Object__sizeof xdc_runtime_Main_Object__sizeof__C = 0
```

#### 4.3.4.697 xdc\_runtime\_Main\_Object\_\_table\_\_C

```
__FAR__ const CT__xdc_runtime_Main_Object__table xdc_runtime_Main_Object__table__C = 0
```

#### 4.3.4.698 xdc\_runtime\_Memory\_defaultHeapInstance\_\_C

```
__FAR__ const CT__xdc_runtime_Memory_defaultHeapInstance xdc_runtime_Memory_defaultHeap↵  
Instance__C = (xdc_runtime_IHeap_Handle)&ti_sysbios_heaps_HeapMem_Object__table__V[0]
```

#### 4.3.4.699 xdc\_runtime\_Memory\_HeapProxy\_Module\_\_root\_\_V

```
xdc_runtime_Memory_HeapProxy_Module__ xdc_runtime_Memory_HeapProxy_Module__root__V [extern]
```

#### 4.3.4.700 xdc\_runtime\_Memory\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__xdc_runtime_Memory_Module__diagsEnabled xdc_runtime_Memory_Module__diags↵  
Enabled__C = (xdc_Bits32)0x10
```

#### 4.3.4.701 xdc\_runtime\_Memory\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT__xdc_runtime_Memory_Module__diagsIncluded xdc_runtime_Memory_Module__diags↵  
Included__C = (xdc_Bits32)0x10
```

#### 4.3.4.702 xdc\_runtime\_Memory\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__xdc_runtime_Memory_Module__diagsMask xdc_runtime_Memory_Module__diagsMask↵  
__C = ((CT__xdc_runtime_Memory_Module__diagsMask)0)
```

#### 4.3.4.703 xdc\_runtime\_Memory\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__xdc_runtime_Memory_Module__gateObj xdc_runtime_Memory_Module__gateObj__C =  
((CT__xdc_runtime_Memory_Module__gateObj)0)
```

**4.3.4.704 xdc\_runtime\_Memory\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Module__gatePrms xdc_runtime_Memory_Module__gatePrms__C =  
((CT__xdc_runtime_Memory_Module__gatePrms)0)
```

**4.3.4.705 xdc\_runtime\_Memory\_Module\_\_id\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Module__id xdc_runtime_Memory_Module__id__C = (xdc_↔  
Bits16)0x800a
```

**4.3.4.706 xdc\_runtime\_Memory\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Module__loggerDefined xdc_runtime_Memory_Module__logger↔  
Defined__C = 0
```

**4.3.4.707 xdc\_runtime\_Memory\_Module\_\_loggerFxn0\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Module__loggerFxn0 xdc_runtime_Memory_Module__logger↔  
Fxn0__C = ((CT__xdc_runtime_Memory_Module__loggerFxn0)0)
```

**4.3.4.708 xdc\_runtime\_Memory\_Module\_\_loggerFxn1\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Module__loggerFxn1 xdc_runtime_Memory_Module__logger↔  
Fxn1__C = ((CT__xdc_runtime_Memory_Module__loggerFxn1)0)
```

**4.3.4.709 xdc\_runtime\_Memory\_Module\_\_loggerFxn2\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Module__loggerFxn2 xdc_runtime_Memory_Module__logger↔  
Fxn2__C = ((CT__xdc_runtime_Memory_Module__loggerFxn2)0)
```

**4.3.4.710 xdc\_runtime\_Memory\_Module\_\_loggerFxn4\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Module__loggerFxn4 xdc_runtime_Memory_Module__logger↔  
Fxn4__C = ((CT__xdc_runtime_Memory_Module__loggerFxn4)0)
```

**4.3.4.711 xdc\_runtime\_Memory\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Module__loggerFxn8 xdc_runtime_Memory_Module__logger↵
Fxn8__C = ((CT__xdc_runtime_Memory_Module__loggerFxn8)0)
```

**4.3.4.712 xdc\_runtime\_Memory\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Module__loggerObj xdc_runtime_Memory_Module__loggerObj↵
_C = ((CT__xdc_runtime_Memory_Module__loggerObj)0)
```

**4.3.4.713 xdc\_runtime\_Memory\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Module__startupDoneFxn xdc_runtime_Memory_Module__↵
startupDoneFxn__C = ((CT__xdc_runtime_Memory_Module__startupDoneFxn)0)
```

**4.3.4.714 xdc\_runtime\_Memory\_Module\_\_state\_\_V**

```
xdc_runtime_Memory_Module_State__ xdc_runtime_Memory_Module__state__V
```

**Initial value:**

```
= {
    (xdc_SizeT)0x8,
}
```

**4.3.4.715 xdc\_runtime\_Memory\_Object\_\_count\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Object__count xdc_runtime_Memory_Object__count__C = 0
```

**4.3.4.716 xdc\_runtime\_Memory\_Object\_\_heap\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Object__heap xdc_runtime_Memory_Object__heap__C = 0
```

**4.3.4.717 xdc\_runtime\_Memory\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__xdc_runtime_Memory_Object__sizeof xdc_runtime_Memory_Object__sizeof__C = 0
```



#### 4.3.4.718 xdc\_runtime\_Memory\_Object\_table\_\_C

```
__FAR__ const CT__xdc_runtime_Memory_Object__table xdc_runtime_Memory_Object__table__C = 0
```

#### 4.3.4.719 xdc\_runtime\_Registry\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__diagsEnabled xdc_runtime_Registry_Module__↵  
diagsEnabled__C = (xdc_Bits32)0x90
```

#### 4.3.4.720 xdc\_runtime\_Registry\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__diagsIncluded xdc_runtime_Registry_Module__↵  
diagsIncluded__C = (xdc_Bits32)0x90
```

#### 4.3.4.721 xdc\_runtime\_Registry\_Module\_\_diagsMask\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__diagsMask xdc_runtime_Registry_Module__diags↵  
Mask__C = ((CT__xdc_runtime_Registry_Module__diagsMask)0)
```

#### 4.3.4.722 xdc\_runtime\_Registry\_Module\_\_gateObj\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__gateObj xdc_runtime_Registry_Module__gateObj__↵  
_C = ((CT__xdc_runtime_Registry_Module__gateObj)0)
```

#### 4.3.4.723 xdc\_runtime\_Registry\_Module\_\_gatePrms\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__gatePrms xdc_runtime_Registry_Module__gate↵  
Prms__C = ((CT__xdc_runtime_Registry_Module__gatePrms)0)
```

#### 4.3.4.724 xdc\_runtime\_Registry\_Module\_\_id\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__id xdc_runtime_Registry_Module__id__C = (xdc_↵  
Bits16)0x800b
```

#### 4.3.4.725 xdc\_runtime\_Registry\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__loggerDefined xdc_runtime_Registry_Module__↵  
loggerDefined__C = 0
```

#### 4.3.4.726 xdc\_runtime\_Registry\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__loggerFxn0 xdc_runtime_Registry_Module__↵  
loggerFxn0__C = ((CT__xdc_runtime_Registry_Module__loggerFxn0)0)
```

#### 4.3.4.727 xdc\_runtime\_Registry\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__loggerFxn1 xdc_runtime_Registry_Module__↵  
loggerFxn1__C = ((CT__xdc_runtime_Registry_Module__loggerFxn1)0)
```

#### 4.3.4.728 xdc\_runtime\_Registry\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__loggerFxn2 xdc_runtime_Registry_Module__↵  
loggerFxn2__C = ((CT__xdc_runtime_Registry_Module__loggerFxn2)0)
```

#### 4.3.4.729 xdc\_runtime\_Registry\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__loggerFxn4 xdc_runtime_Registry_Module__↵  
loggerFxn4__C = ((CT__xdc_runtime_Registry_Module__loggerFxn4)0)
```

#### 4.3.4.730 xdc\_runtime\_Registry\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__loggerFxn8 xdc_runtime_Registry_Module__↵  
loggerFxn8__C = ((CT__xdc_runtime_Registry_Module__loggerFxn8)0)
```

#### 4.3.4.731 xdc\_runtime\_Registry\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__xdc_runtime_Registry_Module__loggerObj xdc_runtime_Registry_Module__logger↵  
Obj__C = ((CT__xdc_runtime_Registry_Module__loggerObj)0)
```

**4.3.4.732 xdc\_runtime\_Registry\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__xdc_runtime_Registry_Module__startupDoneFxn xdc_runtime_Registry_Module__↵
startupDoneFxn__C = ((CT__xdc_runtime_Registry_Module__startupDoneFxn)0)
```

**4.3.4.733 xdc\_runtime\_Registry\_Module\_\_state\_\_V**

```
xdc_runtime_Registry_Module_State__ xdc_runtime_Registry_Module__state__V
```

**Initial value:**

```
= {
    ((xdc_runtime_Types_RegDesc*)0),
    (xdc_Bits16)0x7fff,
}
```

**4.3.4.734 xdc\_runtime\_Registry\_Object\_\_count\_\_C**

```
__FAR__ const CT__xdc_runtime_Registry_Object__count xdc_runtime_Registry_Object__count__C = 0
```

**4.3.4.735 xdc\_runtime\_Registry\_Object\_\_heap\_\_C**

```
__FAR__ const CT__xdc_runtime_Registry_Object__heap xdc_runtime_Registry_Object__heap__C = 0
```

**4.3.4.736 xdc\_runtime\_Registry\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__xdc_runtime_Registry_Object__sizeof xdc_runtime_Registry_Object__sizeof__C =
0
```

**4.3.4.737 xdc\_runtime\_Registry\_Object\_\_table\_\_C**

```
__FAR__ const CT__xdc_runtime_Registry_Object__table xdc_runtime_Registry_Object__table__C = 0
```

**4.3.4.738 xdc\_runtime\_Startup\_execImpl\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_execImpl xdc_runtime_Startup_execImpl__C = ((CT__xdc__↵
runtime_Startup_execImpl) ((xdc_Fxn)xdc_runtime_Startup_exec__I))
```

#### 4.3.4.739 xdc\_runtime\_Startup\_firstFxn\_\_A

```
const __Tl_xdc_runtime_Startup_firstFxn xdc_runtime_Startup_firstFxn__A
```

##### Initial value:

```
= {
    ((xdc_Void(*) (xdc_Void)) ((xdc_Fxn)ti_sysbios_heaps_HeapMem_init__I)),
    ((xdc_Void(*) (xdc_Void)) ((xdc_Fxn)ti_catalog_arm_cortexm4_tiva_ce_Boot_init__I)),
    ((xdc_Void(*) (xdc_Void)) ((xdc_Fxn)ti_sysbios_hal_Hwi_initStack)),
    ((xdc_Void(*) (xdc_Void)) ((xdc_Fxn)ti_sysbios_family_arm_m3_Hwi_initNVIC__E)),
    ((xdc_Void(*) (xdc_Void)) ((xdc_Fxn)ti_sysbios_family_arm_lm4_Timer_enableTimers__I)),
}
```

#### 4.3.4.740 xdc\_runtime\_Startup\_firstFxn\_\_C

```
__FAR__ const CT__xdc_runtime_Startup_firstFxn xdc_runtime_Startup_firstFxn__C = {5, ((__↵
Tl_xdc_runtime_Startup_firstFxn*) xdc_runtime_Startup_firstFxn__A)}
```

#### 4.3.4.741 xdc\_runtime\_Startup\_lastFxn\_\_C

```
__FAR__ const CT__xdc_runtime_Startup_lastFxn xdc_runtime_Startup_lastFxn__C = {0, 0}
```

#### 4.3.4.742 xdc\_runtime\_Startup\_maxPasses\_\_C

```
__FAR__ const CT__xdc_runtime_Startup_maxPasses xdc_runtime_Startup_maxPasses__C = (xdc_↵
Int) 0x20
```

#### 4.3.4.743 xdc\_runtime\_Startup\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__xdc_runtime_Startup_Module__diagsEnabled xdc_runtime_Startup_Module__diags↵
Enabled__C = (xdc_Bits32) 0x10
```

#### 4.3.4.744 xdc\_runtime\_Startup\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT__xdc_runtime_Startup_Module__diagsIncluded xdc_runtime_Startup_Module__↵
diagsIncluded__C = (xdc_Bits32) 0x10
```

**4.3.4.745 xdc\_runtime\_Startup\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__diagsMask xdc_runtime_Startup_Module__diagsMask__C = ((CT__xdc_runtime_Startup_Module__diagsMask)0)
```

**4.3.4.746 xdc\_runtime\_Startup\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__gateObj xdc_runtime_Startup_Module__gateObj__C = ((CT__xdc_runtime_Startup_Module__gateObj)0)
```

**4.3.4.747 xdc\_runtime\_Startup\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__gatePrms xdc_runtime_Startup_Module__gatePrms__C = ((CT__xdc_runtime_Startup_Module__gatePrms)0)
```

**4.3.4.748 xdc\_runtime\_Startup\_Module\_\_id\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__id xdc_runtime_Startup_Module__id__C = (xdc__Bits16)0x800c
```

**4.3.4.749 xdc\_runtime\_Startup\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__loggerDefined xdc_runtime_Startup_Module__loggerDefined__C = 0
```

**4.3.4.750 xdc\_runtime\_Startup\_Module\_\_loggerFxn0\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__loggerFxn0 xdc_runtime_Startup_Module__loggerFxn0__C = ((CT__xdc_runtime_Startup_Module__loggerFxn0)0)
```

**4.3.4.751 xdc\_runtime\_Startup\_Module\_\_loggerFxn1\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__loggerFxn1 xdc_runtime_Startup_Module__loggerFxn1__C = ((CT__xdc_runtime_Startup_Module__loggerFxn1)0)
```

**4.3.4.752 xdc\_runtime\_Startup\_Module\_\_loggerFxn2\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__loggerFxn2 xdc_runtime_Startup_Module__logger↵
Fxn2__C = ((CT__xdc_runtime_Startup_Module__loggerFxn2)0)
```

**4.3.4.753 xdc\_runtime\_Startup\_Module\_\_loggerFxn4\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__loggerFxn4 xdc_runtime_Startup_Module__logger↵
Fxn4__C = ((CT__xdc_runtime_Startup_Module__loggerFxn4)0)
```

**4.3.4.754 xdc\_runtime\_Startup\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__loggerFxn8 xdc_runtime_Startup_Module__logger↵
Fxn8__C = ((CT__xdc_runtime_Startup_Module__loggerFxn8)0)
```

**4.3.4.755 xdc\_runtime\_Startup\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__loggerObj xdc_runtime_Startup_Module__logger↵
Obj__C = ((CT__xdc_runtime_Startup_Module__loggerObj)0)
```

**4.3.4.756 xdc\_runtime\_Startup\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Module__startupDoneFxn xdc_runtime_Startup_Module__↵
startupDoneFxn__C = ((CT__xdc_runtime_Startup_Module__startupDoneFxn)0)
```

**4.3.4.757 xdc\_runtime\_Startup\_Module\_\_state\_\_V**

```
xdc_runtime_Startup_Module_State__ xdc_runtime_Startup_Module__state__V
```

**Initial value:**

```
= {
    ((xdc_Int*)0),
    0,
    0,
}
```

**4.3.4.758 xdc\_runtime\_Startup\_Object\_\_count\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Object__count xdc_runtime_Startup_Object__count__C = 0
```

**4.3.4.759 xdc\_runtime\_Startup\_Object\_\_heap\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Object__heap xdc_runtime_Startup_Object__heap__C = 0
```

**4.3.4.760 xdc\_runtime\_Startup\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Object__sizeof xdc_runtime_Startup_Object__sizeof__C = 0
```

**4.3.4.761 xdc\_runtime\_Startup\_Object\_\_table\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_Object__table xdc_runtime_Startup_Object__table__C = 0
```

**4.3.4.762 xdc\_runtime\_Startup\_sfxnRts\_\_A**

```
const __T1_xdc_runtime_Startup_sfxnRts xdc_runtime_Startup_sfxnRts__A
```

**Initial value:**

```
= {  
    1,  
    1,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
}
```

**4.3.4.763 xdc\_runtime\_Startup\_sfxnRts\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_sfxnRts xdc_runtime_Startup_sfxnRts__C = ((CT__xdc_runtime_Startup_sfxnRts)xdc_runtime_Startup_sfxnRts__A)
```

**4.3.4.764 xdc\_runtime\_Startup\_sfxnTab\_\_A**

```
const __T1_xdc_runtime_Startup_sfxnTab xdc_runtime_Startup_sfxnTab__A
```

**Initial value:**

```
= {
    ((xdc_Int (*)(xdc_Int)) ((xdc_Fxn)xdc_runtime_System_Module_startup__E)),
    ((xdc_Int (*)(xdc_Int)) ((xdc_Fxn)xdc_runtime_SysMin_Module_startup__E)),
    ((xdc_Int (*)(xdc_Int)) ((xdc_Fxn)ti_sysbios_knl_Clock_Module_startup__E)),
    ((xdc_Int (*)(xdc_Int)) ((xdc_Fxn)ti_sysbios_knl_Swi_Module_startup__E)),
    ((xdc_Int (*)(xdc_Int)) ((xdc_Fxn)ti_sysbios_knl_Task_Module_startup__E)),
    ((xdc_Int (*)(xdc_Int)) ((xdc_Fxn)ti_sysbios_hal_Hwi_Module_startup__E)),
    ((xdc_Int (*)(xdc_Int)) ((xdc_Fxn)ti_sysbios_family_arm_m3_Hwi_Module_startup__E)),
    ((xdc_Int (*)(xdc_Int)) ((xdc_Fxn)ti_sysbios_family_arm_lm4_Timer_Module_startup__E)),
}
```

**4.3.4.765 xdc\_runtime\_Startup\_sfxnTab\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_sfxnTab xdc_runtime_Startup_sfxnTab__C = ((CT__xdc_↵
runtime_Startup_sfxnTab)xdc_runtime_Startup_sfxnTab__A)
```

**4.3.4.766 xdc\_runtime\_Startup\_startModsFxn\_\_C**

```
__FAR__ const CT__xdc_runtime_Startup_startModsFxn xdc_runtime_Startup_startModsFxn__C = ((CT↵
__xdc_runtime_Startup_startModsFxn) ((xdc_Fxn)xdc_runtime_Startup_startMods__I))
```

**4.3.4.767 xdc\_runtime\_SysMin\_bufSize\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_bufSize xdc_runtime_SysMin_bufSize__C = (xdc_SizeT)0x80
```

**4.3.4.768 xdc\_runtime\_SysMin\_flushAtExit\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_flushAtExit xdc_runtime_SysMin_flushAtExit__C = 1
```

**4.3.4.769 xdc\_runtime\_SysMin\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_Module__diagsEnabled xdc_runtime_SysMin_Module__diags↵
Enabled__C = (xdc_Bits32)0x10
```



**4.3.4.770 xdc\_runtime\_SysMin\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_Module__diagsIncluded xdc_runtime_SysMin_Module__diagsIncluded__C = (xdc_Bits32)0x10
```

**4.3.4.771 xdc\_runtime\_SysMin\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_Module__diagsMask xdc_runtime_SysMin_Module__diagsMask__C = ((CT__xdc_runtime_SysMin_Module__diagsMask)0)
```

**4.3.4.772 xdc\_runtime\_SysMin\_Module\_\_FXNS\_\_C**

```
const xdc_runtime_SysMin_Fxns__ xdc_runtime_SysMin_Module__FXNS__C
```

**Initial value:**

```
= {
    (void *)&xdc_runtime_ISystemSupport_Interface__BASE__C,
    &xdc_runtime_SysMin_Module__FXNS__C.__sfxns,
    xdc_runtime_SysMin_abort__E,
    xdc_runtime_SysMin_exit__E,
    xdc_runtime_SysMin_flush__E,
    xdc_runtime_SysMin_putch__E,
    xdc_runtime_SysMin_ready__E,
    {
        NULL,
        NULL,
        NULL,
        0x800e,
    }
}
```

**4.3.4.773 xdc\_runtime\_SysMin\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_Module__gateObj xdc_runtime_SysMin_Module__gateObj__C = ((CT__xdc_runtime_SysMin_Module__gateObj)0)
```

**4.3.4.774 xdc\_runtime\_SysMin\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_Module__gatePrms xdc_runtime_SysMin_Module__gatePrms__C = ((CT__xdc_runtime_SysMin_Module__gatePrms)0)
```

**4.3.4.775 xdc\_runtime\_SysMin\_Module\_\_id\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_Module__id xdc_runtime_SysMin_Module__id__C = (xdc_Bits16)0x800e
```

#### 4.3.4.776 xdc\_runtime\_SysMin\_Module\_\_loggerDefined\_\_C

```
__FAR__ const CT__xdc_runtime_SysMin_Module__loggerDefined xdc_runtime_SysMin_Module__logger↵  
Defined__C = 0
```

#### 4.3.4.777 xdc\_runtime\_SysMin\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__xdc_runtime_SysMin_Module__loggerFxn0 xdc_runtime_SysMin_Module__logger↵  
Fxn0__C = ((CT__xdc_runtime_SysMin_Module__loggerFxn0)0)
```

#### 4.3.4.778 xdc\_runtime\_SysMin\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__xdc_runtime_SysMin_Module__loggerFxn1 xdc_runtime_SysMin_Module__logger↵  
Fxn1__C = ((CT__xdc_runtime_SysMin_Module__loggerFxn1)0)
```

#### 4.3.4.779 xdc\_runtime\_SysMin\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__xdc_runtime_SysMin_Module__loggerFxn2 xdc_runtime_SysMin_Module__logger↵  
Fxn2__C = ((CT__xdc_runtime_SysMin_Module__loggerFxn2)0)
```

#### 4.3.4.780 xdc\_runtime\_SysMin\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__xdc_runtime_SysMin_Module__loggerFxn4 xdc_runtime_SysMin_Module__logger↵  
Fxn4__C = ((CT__xdc_runtime_SysMin_Module__loggerFxn4)0)
```

#### 4.3.4.781 xdc\_runtime\_SysMin\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__xdc_runtime_SysMin_Module__loggerFxn8 xdc_runtime_SysMin_Module__logger↵  
Fxn8__C = ((CT__xdc_runtime_SysMin_Module__loggerFxn8)0)
```

#### 4.3.4.782 xdc\_runtime\_SysMin\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__xdc_runtime_SysMin_Module__loggerObj xdc_runtime_SysMin_Module__loggerObj↵  
__C = ((CT__xdc_runtime_SysMin_Module__loggerObj)0)
```

**4.3.4.783 xdc\_runtime\_SysMin\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_Module__startupDoneFxn xdc_runtime_SysMin_Module__↵
startupDoneFxn__C = ((CT__xdc_runtime_SysMin_Module__startupDoneFxn)0)
```

**4.3.4.784 xdc\_runtime\_SysMin\_Module\_\_state\_\_V**

```
xdc_runtime_SysMin_Module_State__ xdc_runtime_SysMin_Module__state__V
```

**Initial value:**

```
= {
    ((void*)xdc_runtime_SysMin_Module_State_0_outbuf__A),
    (xdc_UInt)0x0,
    0,
}
```

**4.3.4.785 xdc\_runtime\_SysMin\_Module\_State\_0\_outbuf\_\_A**

```
__T1_xdc_runtime_SysMin_Module_State__outbuf xdc_runtime_SysMin_Module_State_0_outbuf__A
```

**4.3.4.786 xdc\_runtime\_SysMin\_Object\_\_count\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_Object__count xdc_runtime_SysMin_Object__count__C = 0
```

**4.3.4.787 xdc\_runtime\_SysMin\_Object\_\_heap\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_Object__heap xdc_runtime_SysMin_Object__heap__C = 0
```

**4.3.4.788 xdc\_runtime\_SysMin\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_Object__sizeof xdc_runtime_SysMin_Object__sizeof__C = 0
```

**4.3.4.789 xdc\_runtime\_SysMin\_Object\_\_table\_\_C**

```
__FAR__ const CT__xdc_runtime_SysMin_Object__table xdc_runtime_SysMin_Object__table__C = 0
```

#### 4.3.4.790 xdc\_runtime\_SysMin\_outputFunc\_\_C

```
__FAR__ const CT__xdc_runtime_SysMin_outputFunc xdc_runtime_SysMin_outputFunc__C = ((CT__xdc_↵  
runtime_SysMin_outputFunc)((xdc_Fxn)xdc_runtime_SysMin_output__I))
```

#### 4.3.4.791 xdc\_runtime\_SysMin\_outputFxn\_\_C

```
__FAR__ const CT__xdc_runtime_SysMin_outputFxn xdc_runtime_SysMin_outputFxn__C = ((CT__xdc_↵  
runtime_SysMin_outputFxn)0)
```

#### 4.3.4.792 xdc\_runtime\_System\_A\_cannotFitIntoArg\_\_C

```
__FAR__ const CT__xdc_runtime_System_A_cannotFitIntoArg xdc_runtime_System_A_cannotFitInto↵  
Arg__C = (((xdc_runtime_Assert_Id)352) << 16 | 16)
```

#### 4.3.4.793 xdc\_runtime\_System\_abortFxn\_\_C

```
__FAR__ const CT__xdc_runtime_System_abortFxn xdc_runtime_System_abortFxn__C = ((CT__xdc_↵  
runtime_System_abortFxn)((xdc_Fxn)xdc_runtime_System_abortStd__E))
```

#### 4.3.4.794 xdc\_runtime\_System\_exitFxn\_\_C

```
__FAR__ const CT__xdc_runtime_System_exitFxn xdc_runtime_System_exitFxn__C = ((CT__xdc_↵  
runtime_System_exitFxn)((xdc_Fxn)xdc_runtime_System_exitStd__E))
```

#### 4.3.4.795 xdc\_runtime\_System\_extendFxn\_\_C

```
__FAR__ const CT__xdc_runtime_System_extendFxn xdc_runtime_System_extendFxn__C = ((CT__xdc_↵  
runtime_System_extendFxn)((xdc_Fxn)xdc_runtime_System_printfExtend__I))
```

#### 4.3.4.796 xdc\_runtime\_System\_maxAtexitHandlers\_\_C

```
__FAR__ const CT__xdc_runtime_System_maxAtexitHandlers xdc_runtime_System_maxAtexitHandlers_↵  
__C = (xdc_Int)0x2
```

**4.3.4.797 xdc\_runtime\_System\_Module\_\_diagsEnabled\_\_C**

```
__FAR__ const CT__xdc_runtime_System_Module__diagsEnabled xdc_runtime_System_Module__diagsEnabled__C = (xdc_Bits32)0x10
```

**4.3.4.798 xdc\_runtime\_System\_Module\_\_diagsIncluded\_\_C**

```
__FAR__ const CT__xdc_runtime_System_Module__diagsIncluded xdc_runtime_System_Module__diagsIncluded__C = (xdc_Bits32)0x10
```

**4.3.4.799 xdc\_runtime\_System\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__xdc_runtime_System_Module__diagsMask xdc_runtime_System_Module__diagsMask__C = ((CT__xdc_runtime_System_Module__diagsMask)0)
```

**4.3.4.800 xdc\_runtime\_System\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__xdc_runtime_System_Module__gateObj xdc_runtime_System_Module__gateObj__C = ((CT__xdc_runtime_System_Module__gateObj)((void*)(xdc_runtime_IGateProvider_Handle)&ti_sysbios_gates_GateHwi_C))
```

**4.3.4.801 xdc\_runtime\_System\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__xdc_runtime_System_Module__gatePrms xdc_runtime_System_Module__gatePrms__C = ((CT__xdc_runtime_System_Module__gatePrms)0)
```

**4.3.4.802 xdc\_runtime\_System\_Module\_\_id\_\_C**

```
__FAR__ const CT__xdc_runtime_System_Module__id xdc_runtime_System_Module__id__C = (xdc_Bits16)0x800d
```

**4.3.4.803 xdc\_runtime\_System\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__xdc_runtime_System_Module__loggerDefined xdc_runtime_System_Module__loggerDefined__C = 0
```

#### 4.3.4.804 xdc\_runtime\_System\_Module\_\_loggerFxn0\_\_C

```
__FAR__ const CT__xdc_runtime_System_Module__loggerFxn0 xdc_runtime_System_Module__logger↵  
Fxn0__C = ((CT__xdc_runtime_System_Module__loggerFxn0)0)
```

#### 4.3.4.805 xdc\_runtime\_System\_Module\_\_loggerFxn1\_\_C

```
__FAR__ const CT__xdc_runtime_System_Module__loggerFxn1 xdc_runtime_System_Module__logger↵  
Fxn1__C = ((CT__xdc_runtime_System_Module__loggerFxn1)0)
```

#### 4.3.4.806 xdc\_runtime\_System\_Module\_\_loggerFxn2\_\_C

```
__FAR__ const CT__xdc_runtime_System_Module__loggerFxn2 xdc_runtime_System_Module__logger↵  
Fxn2__C = ((CT__xdc_runtime_System_Module__loggerFxn2)0)
```

#### 4.3.4.807 xdc\_runtime\_System\_Module\_\_loggerFxn4\_\_C

```
__FAR__ const CT__xdc_runtime_System_Module__loggerFxn4 xdc_runtime_System_Module__logger↵  
Fxn4__C = ((CT__xdc_runtime_System_Module__loggerFxn4)0)
```

#### 4.3.4.808 xdc\_runtime\_System\_Module\_\_loggerFxn8\_\_C

```
__FAR__ const CT__xdc_runtime_System_Module__loggerFxn8 xdc_runtime_System_Module__logger↵  
Fxn8__C = ((CT__xdc_runtime_System_Module__loggerFxn8)0)
```

#### 4.3.4.809 xdc\_runtime\_System\_Module\_\_loggerObj\_\_C

```
__FAR__ const CT__xdc_runtime_System_Module__loggerObj xdc_runtime_System_Module__loggerObj↵  
_C = ((CT__xdc_runtime_System_Module__loggerObj)0)
```

#### 4.3.4.810 xdc\_runtime\_System\_Module\_\_startupDoneFxn\_\_C

```
__FAR__ const CT__xdc_runtime_System_Module__startupDoneFxn xdc_runtime_System_Module__↵  
startupDoneFxn__C = ((CT__xdc_runtime_System_Module__startupDoneFxn)0)
```

**4.3.4.811 xdc\_runtime\_System\_Module\_\_state\_\_V**

```
xdc_runtime_System_Module_State__ xdc_runtime_System_Module__state__V
```

**Initial value:**

```
= {
    ((void*)xdc_runtime_System_Module_State_0_atexitHandlers__A),
    (xdc_Int) 0x0,
}
```

**4.3.4.812 xdc\_runtime\_System\_Module\_GateProxy\_Module\_\_root\_\_V**

```
xdc_runtime_System_Module_GateProxy_Module__ xdc_runtime_System_Module_GateProxy_Module__↵
root__V [extern]
```

**4.3.4.813 xdc\_runtime\_System\_Module\_State\_0\_atexitHandlers\_\_A**

```
__T1_xdc_runtime_System_Module_State__atexitHandlers xdc_runtime_System_Module_State_0_↵
atexitHandlers__A
```

**Initial value:**

```
= {
    ((xdc_Void(*) (xdc_Int)) 0),
    ((xdc_Void(*) (xdc_Int)) 0),
}
```

**4.3.4.814 xdc\_runtime\_System\_Object\_\_count\_\_C**

```
__FAR__ const CT__xdc_runtime_System_Object__count xdc_runtime_System_Object__count__C = 0
```

**4.3.4.815 xdc\_runtime\_System\_Object\_\_heap\_\_C**

```
__FAR__ const CT__xdc_runtime_System_Object__heap xdc_runtime_System_Object__heap__C = 0
```

**4.3.4.816 xdc\_runtime\_System\_Object\_\_sizeof\_\_C**

```
__FAR__ const CT__xdc_runtime_System_Object__sizeof xdc_runtime_System_Object__sizeof__C = 0
```

#### 4.3.4.817 xdc\_runtime\_System\_Object\_\_table\_\_C

```
__FAR__ const CT__xdc_runtime_System_Object__table xdc_runtime_System_Object__table__C = 0
```

#### 4.3.4.818 xdc\_runtime\_Text\_charCnt\_\_C

```
__FAR__ const CT__xdc_runtime_Text_charCnt xdc_runtime_Text_charCnt__C = (xdc_Int16)0x1861
```

#### 4.3.4.819 xdc\_runtime\_Text\_charTab\_\_A

```
const __T1_xdc_runtime_Text_charTab xdc_runtime_Text_charTab__A
```

#### 4.3.4.820 xdc\_runtime\_Text\_charTab\_\_C

```
__FAR__ const CT__xdc_runtime_Text_charTab xdc_runtime_Text_charTab__C = ((CT__xdc_runtime_↵  
Text_charTab)xdc_runtime_Text_charTab__A)
```

#### 4.3.4.821 xdc\_runtime\_Text\_isLoaded\_\_C

```
__FAR__ const CT__xdc_runtime_Text_isLoaded xdc_runtime_Text_isLoaded__C = 1
```

#### 4.3.4.822 xdc\_runtime\_Text\_Module\_\_diagsEnabled\_\_C

```
__FAR__ const CT__xdc_runtime_Text_Module__diagsEnabled xdc_runtime_Text_Module__diagsEnabled↵  
__C = (xdc_Bits32)0x10
```

#### 4.3.4.823 xdc\_runtime\_Text\_Module\_\_diagsIncluded\_\_C

```
__FAR__ const CT__xdc_runtime_Text_Module__diagsIncluded xdc_runtime_Text_Module__diags↵  
Included__C = (xdc_Bits32)0x10
```



**4.3.4.824 xdc\_runtime\_Text\_Module\_\_diagsMask\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__diagsMask xdc_runtime_Text_Module__diagsMask__C =  
((CT__xdc_runtime_Text_Module__diagsMask)0)
```

**4.3.4.825 xdc\_runtime\_Text\_Module\_\_gateObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__gateObj xdc_runtime_Text_Module__gateObj__C = ((CT__  
__xdc_runtime_Text_Module__gateObj)0)
```

**4.3.4.826 xdc\_runtime\_Text\_Module\_\_gatePrms\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__gatePrms xdc_runtime_Text_Module__gatePrms__C =  
((CT__xdc_runtime_Text_Module__gatePrms)0)
```

**4.3.4.827 xdc\_runtime\_Text\_Module\_\_id\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__id xdc_runtime_Text_Module__id__C = (xdc_Bits16)0x800f
```

**4.3.4.828 xdc\_runtime\_Text\_Module\_\_loggerDefined\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__loggerDefined xdc_runtime_Text_Module__logger↵  
Defined__C = 0
```

**4.3.4.829 xdc\_runtime\_Text\_Module\_\_loggerFxn0\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__loggerFxn0 xdc_runtime_Text_Module__loggerFxn0__C =  
((CT__xdc_runtime_Text_Module__loggerFxn0)0)
```

**4.3.4.830 xdc\_runtime\_Text\_Module\_\_loggerFxn1\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__loggerFxn1 xdc_runtime_Text_Module__loggerFxn1__C =  
((CT__xdc_runtime_Text_Module__loggerFxn1)0)
```

**4.3.4.831 xdc\_runtime\_Text\_Module\_\_loggerFxn2\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__loggerFxn2 xdc_runtime_Text_Module__loggerFxn2__C =
((CT__xdc_runtime_Text_Module__loggerFxn2)0)
```

**4.3.4.832 xdc\_runtime\_Text\_Module\_\_loggerFxn4\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__loggerFxn4 xdc_runtime_Text_Module__loggerFxn4__C =
((CT__xdc_runtime_Text_Module__loggerFxn4)0)
```

**4.3.4.833 xdc\_runtime\_Text\_Module\_\_loggerFxn8\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__loggerFxn8 xdc_runtime_Text_Module__loggerFxn8__C =
((CT__xdc_runtime_Text_Module__loggerFxn8)0)
```

**4.3.4.834 xdc\_runtime\_Text\_Module\_\_loggerObj\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__loggerObj xdc_runtime_Text_Module__loggerObj__C =
((CT__xdc_runtime_Text_Module__loggerObj)0)
```

**4.3.4.835 xdc\_runtime\_Text\_Module\_\_startupDoneFxn\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Module__startupDoneFxn xdc_runtime_Text_Module__startup↵
DoneFxn__C = ((CT__xdc_runtime_Text_Module__startupDoneFxn)0)
```

**4.3.4.836 xdc\_runtime\_Text\_Module\_\_state\_\_V**

```
xdc_runtime_Text_Module_State__ xdc_runtime_Text_Module__state__V
```

**Initial value:**

```
= {
    ((xdc_CPtr) (&xdc_runtime_Text_charTab__A[0])),
    ((xdc_CPtr) (&xdc_runtime_Text_nodeTab__A[0])),
}
```

**4.3.4.837 xdc\_runtime\_Text\_nameEmpty\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_nameEmpty xdc_runtime_Text_nameEmpty__C = "{empty-instance-name}"
```

**4.3.4.838 xdc\_runtime\_Text\_nameStatic\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_nameStatic xdc_runtime_Text_nameStatic__C = "{static-instance-name}"
```

**4.3.4.839 xdc\_runtime\_Text\_nameUnknown\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_nameUnknown xdc_runtime_Text_nameUnknown__C = "{unknown-instance-name}"
```

**4.3.4.840 xdc\_runtime\_Text\_nodeCnt\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_nodeCnt xdc_runtime_Text_nodeCnt__C = (xdc_Int16)0x2f
```

**4.3.4.841 xdc\_runtime\_Text\_nodeTab\_\_A**

```
const __T1_xdc_runtime_Text_nodeTab xdc_runtime_Text_nodeTab__A
```

**4.3.4.842 xdc\_runtime\_Text\_nodeTab\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_nodeTab xdc_runtime_Text_nodeTab__C = ((CT__xdc_runtime_↵  
Text_nodeTab)xdc_runtime_Text_nodeTab__A)
```

**4.3.4.843 xdc\_runtime\_Text\_Object\_\_count\_\_C**

```
__FAR__ const CT__xdc_runtime_Text_Object__count xdc_runtime_Text_Object__count__C = 0
```

#### 4.3.4.844 xdc\_runtime\_Text\_Object\_heap\_\_C

```
__FAR__ const CT__xdc_runtime_Text_Object_heap xdc_runtime_Text_Object_heap__C = 0
```

#### 4.3.4.845 xdc\_runtime\_Text\_Object\_sizeof\_\_C

```
__FAR__ const CT__xdc_runtime_Text_Object_sizeof xdc_runtime_Text_Object_sizeof__C = 0
```

#### 4.3.4.846 xdc\_runtime\_Text\_Object\_table\_\_C

```
__FAR__ const CT__xdc_runtime_Text_Object_table xdc_runtime_Text_Object_table__C = 0
```

#### 4.3.4.847 xdc\_runtime\_Text\_registryModsLastId\_\_C

```
__FAR__ const CT__xdc_runtime_Text_registryModsLastId xdc_runtime_Text_registryModsLastId__C =  
(xdc_UInt16)0x7fff
```

#### 4.3.4.848 xdc\_runtime\_Text\_unnamedModsLastId\_\_C

```
__FAR__ const CT__xdc_runtime_Text_unnamedModsLastId xdc_runtime_Text_unnamedModsLastId__C =  
(xdc_UInt16)0x4000
```

#### 4.3.4.849 xdc\_runtime\_Text\_visitRopeFxn2\_\_C

```
__FAR__ const CT__xdc_runtime_Text_visitRopeFxn2 xdc_runtime_Text_visitRopeFxn2__C = ((CT__↔  
xdc_runtime_Text_visitRopeFxn2)((xdc_Fxn)xdc_runtime_Text_visitRope2__I))
```

#### 4.3.4.850 xdc\_runtime\_Text\_visitRopeFxn\_\_C

```
__FAR__ const CT__xdc_runtime_Text_visitRopeFxn xdc_runtime_Text_visitRopeFxn__C = ((CT__xdc↔  
_runtime_Text_visitRopeFxn)((xdc_Fxn)xdc_runtime_Text_visitRope__I))
```

## 4.4 Debug/configPkg/package/cfg/PFinalMain\_pem4f.h File Reference

```
#include <xdc/std.h>
```

### Variables

- int [xdc\\_runtime\\_Startup\\_\\_EXECFXN\\_\\_C](#)
- int [xdc\\_runtime\\_Startup\\_\\_RESETFXN\\_\\_C](#)

### 4.4.1 Variable Documentation

#### 4.4.1.1 xdc\_runtime\_Startup\_\_EXECFXN\_\_C

```
int xdc_runtime_Startup__EXECFXN__C [extern]
```

#### 4.4.1.2 xdc\_runtime\_Startup\_\_RESETFXN\_\_C

```
int xdc_runtime_Startup__RESETFXN__C [extern]
```

## 4.5 PFinalMain\_pem4f.h

[Go to the documentation of this file.](#)

```
1 /*
2  * Do not modify this file; it is automatically
3  * generated and any modifications will be overwritten.
4  *
5  * @(#) xdc-B24
6  */
7
8 #include <xdc/std.h>
9
10 extern int xdc_runtime_Startup__EXECFXN__C;
11
12 extern int xdc_runtime_Startup__RESETFXN__C;
13
```

## 4.6 Debug/configPkg/package/cfg/PFinalMain\_pem4f.xdc.inc File Reference

## 4.7 Debug/configPkg/package/configPkg.java File Reference

### Data Structures

- class [configPkg](#)

## 4.8 Debug/configPkg/package/package.defs.h File Reference

### 4.9 package.defs.h

[Go to the documentation of this file.](#)

```
1 /*
2  * Do not modify this file; it is automatically
3  * generated and any modifications will be overwritten.
4  *
5  * @(#) xdc-B24
6  */
7
8 #ifndef configPkg__
9 #define configPkg__
10
11
12
13 #endif /* configPkg__ */
```

## 4.10 Debug/configPkg/package/package.xdc.inc File Reference

## 4.11 Debug/configPkg/package/package\_configPkg.c File Reference

```
#include <xdc/std.h>
```

### Macros

- `#define __xdc_PKGVERS` [null](#)
- `#define __xdc_PKGNAME` [configPkg](#)
- `#define __xdc_PKGPREFIX` [configPkg\\_](#)

### Variables

- `__FAR__ char` [configPkg\\_dummy\\_\\_](#)

#### 4.11.1 Macro Definition Documentation

##### 4.11.1.1 \_\_xdc\_PKGNAME

```
#define __xdc_PKGNAME configPkg
```

#### 4.11.1.2 \_\_xdc\_PKGPREFIX

```
#define __xdc_PKGPREFIX configPkg_
```

#### 4.11.1.3 \_\_xdc\_PKGVERS

```
#define __xdc_PKGVERS null
```

### 4.11.2 Variable Documentation

#### 4.11.2.1 configPkg\_\_dummy\_\_

```
__FAR__ char configPkg__dummy__
```

## 4.12 Debug/configPkg/package/rel/configPkg.xdc.inc File Reference

### 4.13 Debug/EK\_TM4C129EXL.d File Reference

### 4.14 Debug/Libraries/Buttons/Buttons.d File Reference

### 4.15 Debug/Libraries/Display.d File Reference

### 4.16 Debug/Libraries/Display/Display.d File Reference

### 4.17 Debug/Libraries/RS232/Rs232.d File Reference

### 4.18 Debug/Libraries/Sensor/Sensor.d File Reference

### 4.19 Debug/PFinalMain.d File Reference

## 4.20 EK\_TM4C129EXL.c File Reference

```
#include <stdint.h>
#include <stdbool.h>
#include <xdc/std.h>
```

```

#include <xdc/runtime/Error.h>
#include <xdc/runtime/System.h>
#include <ti/sysbios/family/arm/m3/Hwi.h>
#include <inc/hw_ints.h>
#include <inc/hw_memmap.h>
#include <inc/hw_types.h>
#include <inc/hw_gpio.h>
#include <driverlib/flash.h>
#include <driverlib/gpio.h>
#include <driverlib/i2c.h>
#include <driverlib/pin_map.h>
#include <driverlib/pwm.h>
#include <driverlib/ssi.h>
#include <driverlib/sysctl.h>
#include <driverlib/uart.h>
#include <driverlib/udma.h>
#include "EK_TM4C129EXL.h"
#include <ti/drivers/EMAC.h>
#include <ti/drivers/emacs/EMACSnow.h>
#include <ti/drivers/GPIO.h>
#include <ti/drivers/gpio/GPIOTiva.h>
#include <ti/drivers/I2C.h>
#include <ti/drivers/i2c/I2CTiva.h>
#include <ti/drivers/PWM.h>
#include <ti/drivers/pwm/PWMTiva.h>
#include <ti/drivers/SDSPI.h>
#include <ti/drivers/sdspi/SDSPITiva.h>
#include <ti/drivers/SPI.h>
#include <ti/drivers/spi/SPITivaDMA.h>
#include <ti/drivers/UART.h>
#include <ti/drivers/uart/UARTTiva.h>
#include <ti/drivers/USBMSCHFatFs.h>
#include <ti/drivers/usbmschfatfs/USBMSCHFatFsTiva.h>
#include <ti/drivers/Watchdog.h>
#include <ti/drivers/watchdog/WatchdogTiva.h>
#include <ti/drivers/WiFi.h>
#include <ti/drivers/wifi/WiFiCC3100.h>

```

## Macros

- `#define TI_DRIVERS_UART_DMA 0`
- `#define TI_EXAMPLES_PPP 0`

## Functions

- void `EK_TM4C129EXL_initDMA` (void)
- void `EK_TM4C129EXL_initGeneral` (void)  
*Initialize the general board specific settings.*
- void `EK_TM4C129EXL_initEMAC` (void)  
*Initialize board specific EMAC settings.*
- void `EK_TM4C129EXL_initGPIO` (void)  
*Initialize board specific GPIO settings.*
- void `EK_TM4C129EXL_initI2C` (void)



- Initialize board specific I2C settings.*
- void [EK\\_TM4C129EXL\\_initPWM](#) (void)
- Initialize board specific PWM settings.*
- void [EK\\_TM4C129EXL\\_initSDSPI](#) (void)
- Initialize board specific SDSPI settings.*
- void [EK\\_TM4C129EXL\\_initSPI](#) (void)
- Initialize board specific SPI settings.*
- void [EK\\_TM4C129EXL\\_initUART](#) (void)
- Initialize board specific UART settings.*
- void [EK\\_TM4C129EXL\\_initUSB](#) ([EK\\_TM4C129EXL\\_USBMode](#) usbMode)
- Initialize board specific USB settings.*
- void [EK\\_TM4C129EXL\\_initUSBMSCHFatFs](#) (void)
- Initialize board specific USBMSCHFatFs settings.*
- void [EK\\_TM4C129EXL\\_initWatchdog](#) (void)
- Initialize board specific Watchdog settings.*
- void [EK\\_TM4C129EXL\\_initWiFi](#) (void)
- Initialize board specific WiFi settings.*

## Variables

- NIMU\_DEVICE\_TABLE\_ENTRY [NIMUDeviceTable](#) [2]
- EMACSnow\_Object [emacObjects](#) [[EK\\_TM4C129EXL\\_EMACCOUNT](#)]
- unsigned char [macAddress](#) [6] = {0xff, 0xff, 0xff, 0xff, 0xff, 0xff}
- const EMACSnow\_HWAttrs [emacHWAttrs](#) [[EK\\_TM4C129EXL\\_EMACCOUNT](#)]
- const EMAC\_Config [EMAC\\_config](#) []
- GPIO\_PinConfig [gpioPinConfigs](#) []
- GPIO\_CallbackFxn [gpioCallbackFunctions](#) []
- const GPIOTiva\_Config [GPIOTiva\\_config](#)
- I2CTiva\_Object [i2cTivaObjects](#) [[EK\\_TM4C129EXL\\_I2CCOUNT](#)]
- const I2CTiva\_HWAttrs [i2cTivaHWAttrs](#) [[EK\\_TM4C129EXL\\_I2CCOUNT](#)]
- const I2C\_Config [I2C\\_config](#) []
- PWM\_Tiva\_Object [pwmTivaObjects](#) [[EK\\_TM4C129EXL\\_PWMCOUNT](#)]
- const PWM\_Tiva\_HWAttrs [pwmTivaHWAttrs](#) [[EK\\_TM4C129EXL\\_PWMCOUNT](#)]
- const PWM\_Config [PWM\\_config](#) []
- SDSPI\_Tiva\_Object [sdspiTivaObjects](#) [[EK\\_TM4C129EXL\\_SDSPICOUNT](#)]
- const SDSPI\_Tiva\_HWAttrs [sdspiTivaHWAttrs](#) [[EK\\_TM4C129EXL\\_SDSPICOUNT](#)]
- const SDSPI\_Config [SDSPI\\_config](#) []
- SPITivaDMA\_Object [spiTivaDMAObjects](#) [[EK\\_TM4C129EXL\\_SPICOUNT](#)]
- uint32\_t [spiTivaDMAscratchBuf](#) [[EK\\_TM4C129EXL\\_SPICOUNT](#)]
- const SPITivaDMA\_HWAttrs [spiTivaDMAHWAttrs](#) [[EK\\_TM4C129EXL\\_SPICOUNT](#)]
- const SPI\_Config [SPI\\_config](#) []
- UARTTiva\_Object [uartTivaObjects](#) [[EK\\_TM4C129EXL\\_UARTCOUNT](#)]
- unsigned char [uartTivaRingBuffer](#) [[EK\\_TM4C129EXL\\_UARTCOUNT](#)][32]
- const UARTTiva\_HWAttrs [uartTivaHWAttrs](#) [[EK\\_TM4C129EXL\\_UARTCOUNT](#)]
- const UART\_Config [UART\\_config](#) []
- USBMSCHFatFsTiva\_Object [usbmschfatfstivaObjects](#) [[EK\\_TM4C129EXL\\_USBMSCHFatFsCOUNT](#)]
- const USBMSCHFatFsTiva\_HWAttrs [usbmschfatfstivaHWAttrs](#) [[EK\\_TM4C129EXL\\_USBMSCHFatFsCOUNT](#)]
- const USBMSCHFatFs\_Config [USBMSCHFatFs\\_config](#) []
- WatchdogTiva\_Object [watchdogTivaObjects](#) [[EK\\_TM4C129EXL\\_WATCHDOGCOUNT](#)]
- const WatchdogTiva\_HWAttrs [watchdogTivaHWAttrs](#) [[EK\\_TM4C129EXL\\_WATCHDOGCOUNT](#)]
- const Watchdog\_Config [Watchdog\\_config](#) []
- Wi-FiCC3100\_Object [wiFiCC3100Objects](#) [[EK\\_TM4C129EXL\\_WIFICOUNT](#)]
- const Wi-FiCC3100\_HWAttrs [wiFiCC3100HWAttrs](#) [[EK\\_TM4C129EXL\\_WIFICOUNT](#)]
- const Wi-Fi\_Config [WiFi\\_config](#) []

## 4.20.1 Macro Definition Documentation

### 4.20.1.1 TI\_DRIVERS\_UART\_DMA

```
#define TI_DRIVERS_UART_DMA 0
```

### 4.20.1.2 TI\_EXAMPLES\_PPP

```
#define TI_EXAMPLES_PPP 0
```

## 4.20.2 Function Documentation

### 4.20.2.1 EK\_TM4C129EXL\_initDMA()

```
void EK_TM4C129EXL_initDMA (  
    void )
```

### 4.20.2.2 EK\_TM4C129EXL\_initEMAC()

```
void EK_TM4C129EXL_initEMAC (  
    void )
```

Initialize board specific EMAC settings.

This function initializes the board specific EMAC settings and then calls the EMAC\_init API to initialize the EMAC module.

The EMAC address is programmed as part of this call.

### 4.20.2.3 EK\_TM4C129EXL\_initGeneral()

```
void EK_TM4C129EXL_initGeneral (  
    void )
```

Initialize the general board specific settings.

This function initializes the general board specific settings. This includes:

- Enable clock sources for peripherals

#### 4.20.2.4 EK\_TM4C129EXL\_initGPIO()

```
void EK_TM4C129EXL_initGPIO (  
    void )
```

Initialize board specific GPIO settings.

This function initializes the board specific GPIO settings and then calls the GPIO\_init API to initialize the GPIO module.

The GPIOs controlled by the GPIO module are determined by the GPIO\_PinConfig variable.

#### 4.20.2.5 EK\_TM4C129EXL\_initI2C()

```
void EK_TM4C129EXL_initI2C (  
    void )
```

Initialize board specific I2C settings.

This function initializes the board specific I2C settings and then calls the I2C\_init API to initialize the I2C module.

The I2C peripherals controlled by the I2C module are determined by the I2C\_config variable.

#### 4.20.2.6 EK\_TM4C129EXL\_initPWM()

```
void EK_TM4C129EXL_initPWM (  
    void )
```

Initialize board specific PWM settings.

This function initializes the board specific PWM settings and then calls the PWM\_init API to initialize the PWM module.

The PWM peripherals controlled by the PWM module are determined by the PWM\_config variable.

#### 4.20.2.7 EK\_TM4C129EXL\_initSDSPI()

```
void EK_TM4C129EXL_initSDSPI (  
    void )
```

Initialize board specific SDSPI settings.

This function initializes the board specific SDSPI settings and then calls the SDSPI\_init API to initialize the SDSPI module.

The SDSPI peripherals controlled by the SDSPI module are determined by the SDSPI\_config variable.

#### 4.20.2.8 EK\_TM4C129EXL\_initSPI()

```
void EK_TM4C129EXL_initSPI (
    void )
```

Initialize board specific SPI settings.

This function initializes the board specific SPI settings and then calls the SPI\_init API to initialize the SPI module.

The SPI peripherals controlled by the SPI module are determined by the SPI\_config variable.

#### 4.20.2.9 EK\_TM4C129EXL\_initUART()

```
void EK_TM4C129EXL_initUART (
    void )
```

Initialize board specific UART settings.

This function initializes the board specific UART settings and then calls the UART\_init API to initialize the UART module.

The UART peripherals controlled by the UART module are determined by the UART\_config variable.

#### 4.20.2.10 EK\_TM4C129EXL\_initUSB()

```
void EK_TM4C129EXL_initUSB (
    EK_TM4C129EXL_USBMode usbMode )
```

Initialize board specific USB settings.

This function initializes the board specific USB settings and pins based on the USB mode of operation.

##### Parameters

<i>usbMode</i>	USB mode of operation
----------------	-----------------------

#### 4.20.2.11 EK\_TM4C129EXL\_initUSBMSCHFatFs()

```
void EK_TM4C129EXL_initUSBMSCHFatFs (
    void )
```

Initialize board specific USBMSCHFatFs settings.

This function initializes the board specific USBMSCHFatFs settings and then calls the USBMSCHFatFs\_init API to initialize the USBMSCHFatFs module.

The USBMSCHFatFs peripherals controlled by the USBMSCHFatFs module are determined by the USBMSCHFatFs\_config variable.

#### 4.20.2.12 EK\_TM4C129EXL\_initWatchdog()

```
void EK_TM4C129EXL_initWatchdog (
    void )
```

Initialize board specific Watchdog settings.

This function initializes the board specific Watchdog settings and then calls the Watchdog\_init API to initialize the Watchdog module.

The Watchdog peripherals controlled by the Watchdog module are determined by the Watchdog\_config variable.

#### 4.20.2.13 EK\_TM4C129EXL\_initWiFi()

```
void EK_TM4C129EXL_initWiFi (
    void )
```

Initialize board specific WiFi settings.

This function initializes the board specific WiFi settings and then calls the WiFi\_init API to initialize the WiFi module.

The hardware resources controlled by the WiFi module are determined by the WiFi\_config variable.

A SimpleLink CC3100 device or module is required and must be connected to use the WiFi driver.

### 4.20.3 Variable Documentation

#### 4.20.3.1 EMAC\_config

```
const EMAC_Config EMAC_config[]
```

**Initial value:**

```
= {
    {
        .fxnTablePtr = &EMACSnow_fxnTable,
        .object = &emacObjects[0],
        .hwAttrs = &emacHWAttrs[0]
    },
    {NULL, NULL, NULL}
}
```

#### 4.20.3.2 emacHWAttrs

```
const EMACSnow_HWAttrs emacHWAttrs[EK_TM4C129EXL_EMACCOUNT]
```

**Initial value:**

```
= {
    {
        .baseAddr = EMAC0_BASE,
        .intNum = INT_EMAC0,
        .intPriority = (~0),
        .macAddress = macAddress
    }
}
```

#### 4.20.3.3 emacsObjects

```
EMACSnow_Object emacsObjects[EK_TM4C129EXL_EMACCOUNT]
```

#### 4.20.3.4 gpioCallbackFunctions

```
GPIO_CallbackFxn gpioCallbackFunctions[]
```

##### Initial value:

```
= {
    NULL,
    NULL
}
```

#### 4.20.3.5 gpioPinConfigs

```
GPIO_PinConfig gpioPinConfigs[]
```

##### Initial value:

```
= {

    GPIOTiva_PJ_0 | GPIO_CFG_IN_PU | GPIO_CFG_IN_INT_RISING,

    GPIOTiva_PJ_1 | GPIO_CFG_IN_PU | GPIO_CFG_IN_INT_RISING,

    GPIOTiva_PN_1 | GPIO_CFG_OUT_STD | GPIO_CFG_OUT_STR_HIGH | GPIO_CFG_OUT_LOW,
    GPIOTiva_PN_0 | GPIO_CFG_OUT_STD | GPIO_CFG_OUT_STR_HIGH | GPIO_CFG_OUT_LOW,
}
```

#### 4.20.3.6 GPIOTiva\_config

```
const GPIOTiva_Config GPIOTiva_config
```

##### Initial value:

```
= {
    .pinConfigs = (GPIO_PinConfig *)gpioPinConfigs,
    .callbacks = (GPIO_CallbackFxn *)gpioCallbackFunctions,
    .numberOfPinConfigs = sizeof(gpioPinConfigs)/sizeof(GPIO_PinConfig),
    .numberOfCallbacks = sizeof(gpioCallbackFunctions)/sizeof(GPIO_CallbackFxn),
    .intPriority = (~0)
}
```

### 4.20.3.7 I2C\_config

```
const I2C_Config I2C_config[ ]
```

#### Initial value:

```
= {
    {
        .fxnTablePtr = &I2CTiva_fxnTable,
        .object = &i2cTivaObjects[0],
        .hwAttrs = &i2cTivaHWAttrs[0]
    },
    {
        .fxnTablePtr = &I2CTiva_fxnTable,
        .object = &i2cTivaObjects[1],
        .hwAttrs = &i2cTivaHWAttrs[1]
    },
    {NULL, NULL, NULL}
}
```

### 4.20.3.8 i2cTivaHWAttrs

```
const I2CTiva_HWAttrs i2cTivaHWAttrs[EK_TM4C129EXL_I2CCOUNT]
```

#### Initial value:

```
= {
    {
        .baseAddr = I2C7_BASE,
        .intNum = INT_I2C7,
        .intPriority = (~0)
    },
    {
        .baseAddr = I2C8_BASE,
        .intNum = INT_I2C8,
        .intPriority = (~0)
    },
}
```

### 4.20.3.9 i2cTivaObjects

```
I2CTiva_Object i2cTivaObjects[EK_TM4C129EXL_I2CCOUNT]
```

### 4.20.3.10 macAddress

```
unsigned char macAddress[6] = {0xff, 0xff, 0xff, 0xff, 0xff, 0xff}
```

### 4.20.3.11 NIMUDeviceTable

```
NIMU_DEVICE_TABLE_ENTRY NIMUDeviceTable[2]
```

#### Initial value:

```
= {
    {
        .init = EMACSnow_NIMUInit
    },
    {NULL}
}
```

#### 4.20.3.12 PWM\_config

```
const PWM_Config PWM_config[ ]
```

##### Initial value:

```
= {
    {
        .fxnTablePtr = &PWMTiva_fxnTable,
        .object = &pwmTivaObjects[0],
        .hwAttrs = &pwmTivaHWAttrs[0]
    },
    {NULL, NULL, NULL}
}
```

#### 4.20.3.13 pwmTivaHWAttrs

```
const PWMTiva_HWAttrs pwmTivaHWAttrs[EK_TM4C129EXL_PWMCOUNT]
```

##### Initial value:

```
= {
    {
        .baseAddr = PWM0_BASE,
        .pwmOutput = PWM_OUT_0,
        .pwmGenOpts = PWM_GEN_MODE_DOWN | PWM_GEN_MODE_DBG_RUN
    }
}
```

#### 4.20.3.14 pwmTivaObjects

```
PWMTiva_Object pwmTivaObjects[EK_TM4C129EXL_PWMCOUNT]
```

#### 4.20.3.15 SDSPI\_config

```
const SDSPI_Config SDSPI_config[ ]
```

##### Initial value:

```
= {
    {
        .fxnTablePtr = &SDSPITiva_fxnTable,
        .object = &sdspiTivaObjects[0],
        .hwAttrs = &sdspiTivaHWAttrs[0]
    },
    {
        .fxnTablePtr = &SDSPITiva_fxnTable,
        .object = &sdspiTivaObjects[1],
        .hwAttrs = &sdspiTivaHWAttrs[1]
    },
    {NULL, NULL, NULL}
}
```



#### 4.20.3.16 sdspiTivaHWAttrs

```
const SDSPITiva_HWAttrs sdspiTivaHWAttrs[EK_TM4C129EXL_SDSPICOUNT]
```

**Initial value:**

```
= {  
    {  
        .baseAddr = SSI2_BASE,  
        .portSCK = GPIO_PORTD_BASE,  
        .pinSCK = GPIO_PIN_3,  
        .portMISO = GPIO_PORTD_BASE,  
        .pinMISO = GPIO_PIN_0,  
        .portMOSI = GPIO_PORTD_BASE,  
        .pinMOSI = GPIO_PIN_1,  
        .portCS = GPIO_PORTC_BASE,  
        .pinCS = GPIO_PIN_7,  
    },  
    {  
        .baseAddr = SSI3_BASE,  
        .portSCK = GPIO_PORTQ_BASE,  
        .pinSCK = GPIO_PIN_0,  
        .portMISO = GPIO_PORTQ_BASE,  
        .pinMISO = GPIO_PIN_3,  
        .portMOSI = GPIO_PORTQ_BASE,  
        .pinMOSI = GPIO_PIN_2,  
        .portCS = GPIO_PORTP_BASE,  
        .pinCS = GPIO_PIN_4,  
    }  
}
```

#### 4.20.3.17 sdspiTivaObjects

```
SDSPITiva_Object sdspiTivaObjects[EK_TM4C129EXL_SDSPICOUNT]
```

#### 4.20.3.18 SPI\_config

```
const SPI_Config SPI_config[ ]
```

**Initial value:**

```
= {  
    {  
        .fxnTablePtr = &SPITivaDMA_fxnTable,  
        .object = &spiTivaDMAObjects[0],  
        .hwAttrs = &spiTivaDMAHWAttrs[0]  
    },  
    {  
        .fxnTablePtr = &SPITivaDMA_fxnTable,  
        .object = &spiTivaDMAObjects[1],  
        .hwAttrs = &spiTivaDMAHWAttrs[1]  
    },  
    {NULL, NULL, NULL}  
}
```

#### 4.20.3.19 spiTivaDMAHWAttrs

```
const SPITivaDMA_HWAttrs spiTivaDMAHWAttrs[EK_TM4C129EXL_SPICOUNT]
```

##### Initial value:

```
= {
    {
        .baseAddr = SSI2_BASE,
        .intNum = INT_SSI2,
        .intPriority = (~0),
        .scratchBufPtr = &spiTivaDMAscratchBuf[0],
        .defaultTxBufValue = 0,
        .rxChannelIndex = UDMA_SEC_CHANNEL_UART2RX_12,
        .txChannelIndex = UDMA_SEC_CHANNEL_UART2TX_13,
        .channelMappingFxn = uDMAChannelAssign,
        .rxChannelMappingFxnArg = UDMA_CH12_SSI2RX,
        .txChannelMappingFxnArg = UDMA_CH13_SSI2TX
    },
    {
        .baseAddr = SSI3_BASE,
        .intNum = INT_SSI3,
        .intPriority = (~0),
        .scratchBufPtr = &spiTivaDMAscratchBuf[1],
        .defaultTxBufValue = 0,
        .rxChannelIndex = UDMA_SEC_CHANNEL_TMR2A_14,
        .txChannelIndex = UDMA_SEC_CHANNEL_TMR2B_15,
        .channelMappingFxn = uDMAChannelAssign,
        .rxChannelMappingFxnArg = UDMA_CH14_SSI3RX,
        .txChannelMappingFxnArg = UDMA_CH15_SSI3TX
    }
}
```

#### 4.20.3.20 spiTivaDMAObjects

```
SPITivaDMA_Object spiTivaDMAObjects[EK_TM4C129EXL_SPICOUNT]
```

#### 4.20.3.21 spiTivaDMAscratchBuf

```
uint32_t spiTivaDMAscratchBuf[EK_TM4C129EXL_SPICOUNT]
```

#### 4.20.3.22 UART\_config

```
const UART_Config UART_config[]
```

##### Initial value:

```
= {
    {
        .fxnTablePtr = &UARTTiva_fxnTable,
        .object = &uartTivaObjects[0],
        .hwAttrs = &uartTivaHWAttrs[0]
    },
    {NULL, NULL, NULL}
}
```

#### 4.20.3.23 uartTivaHWAttrs

```
const UARTTiva_HWAttrs uartTivaHWAttrs[EK_TM4C129EXL_UARTCOUNT]
```

**Initial value:**

```
= {  
    {  
        .baseAddr = UART0_BASE,  
        .intNum = INT_UART0,  
        .intPriority = (~0),  
        .flowControl = UART_FLOWCONTROL_NONE,  
        .ringBufPtr = uartTivaRingBuffer[0],  
        .ringBufSize = sizeof(uartTivaRingBuffer[0])  
    }  
}
```

#### 4.20.3.24 uartTivaObjects

```
UARTTiva_Object uartTivaObjects[EK_TM4C129EXL_UARTCOUNT]
```

#### 4.20.3.25 uartTivaRingBuffer

```
unsigned char uartTivaRingBuffer[EK_TM4C129EXL_UARTCOUNT][32]
```

#### 4.20.3.26 USBMSCHFATfs\_config

```
const USBMSCHFATfs_Config USBMSCHFATfs_config[]
```

**Initial value:**

```
= {  
    {  
        .fxnTablePtr = &USBMSCHFATfsTiva_fxnTable,  
        .object = &usbmschfatfstivaObjects[0],  
        .hwAttrs = &usbmschfatfstivaHWAttrs[0]  
    },  
    {NULL, NULL, NULL}  
}
```

#### 4.20.3.27 usbmschfatfstivaHWAttrs

```
const USBMSCHFATfsTiva_HWAttrs usbmschfatfstivaHWAttrs[EK_TM4C129EXL_USBMSCHFATfsCOUNT]
```

**Initial value:**

```
= {  
    {  
        .intNum = INT_USB0,  
        .intPriority = (~0)  
    }  
}
```

#### 4.20.3.28 usbmschfatfstivaObjects

USBMSCHFatFsTiva\_Object usbmschfatfstivaObjects[[EK\\_TM4C129EXL\\_USBMSCHFatFsCOUNT](#)]

#### 4.20.3.29 Watchdog\_config

const Watchdog\_Config Watchdog\_config[ ]

##### Initial value:

```
= {
    {
        .fxnTablePtr = &WatchdogTiva_fxnTable,
        .object = &watchdogTivaObjects[0],
        .hwAttrs = &watchdogTivaHWAttrs[0]
    },
    {NULL, NULL, NULL},
}
```

#### 4.20.3.30 watchdogTivaHWAttrs

const WatchdogTiva\_HWAttrs watchdogTivaHWAttrs[[EK\\_TM4C129EXL\\_WATCHDOGCOUNT](#)]

##### Initial value:

```
= {
    {
        .baseAddr = WATCHDOG0_BASE,
        .intNum = INT_WATCHDOG,
        .intPriority = (~0),
        .reloadValue = 80000000
    },
}
```

#### 4.20.3.31 watchdogTivaObjects

WatchdogTiva\_Object watchdogTivaObjects[[EK\\_TM4C129EXL\\_WATCHDOGCOUNT](#)]

#### 4.20.3.32 WiFi\_config

const WiFi\_Config WiFi\_config[ ]

##### Initial value:

```
= {
    {
        .fxnTablePtr = &Wi-FiCC3100_fxnTable,
        .object = &wiFiCC3100Objects[0],
        .hwAttrs = &wiFiCC3100HWAttrs[0]
    },
    {NULL, NULL, NULL},
}
```

#### 4.20.3.33 wiFiCC3100HWAttrs

```
const WiFiCC3100_HWAttrs wiFiCC3100HWAttrs[EK_TM4C129EXL_WIFICOUNT]
```

##### Initial value:

```
= {
    {
        .irqPort = GPIO_PORTM_BASE,
        .irqPin = GPIO_PIN_3,
        .irqIntNum = INT_GPIOM,
        .csPort = GPIO_PORTH_BASE,
        .csPin = GPIO_PIN_2,
        .enPort = GPIO_PORTC_BASE,
        .enPin = GPIO_PIN_6
    }
}
```

#### 4.20.3.34 wiFiCC3100Objects

```
WiFiCC3100_Object wiFiCC3100Objects[EK_TM4C129EXL_WIFICOUNT]
```

## 4.21 EK\_TM4C129EXL.h File Reference

EK\_TM4C129EXL Board Specific APIs.

### Macros

- `#define EK_TM4C129EXL_LED_OFF (0)`
- `#define EK_TM4C129EXL_LED_ON (1)`

### Typedefs

- typedef enum [EK\\_TM4C129EXL\\_EMACName](#) [EK\\_TM4C129EXL\\_EMACName](#)
- typedef enum [EK\\_TM4C129EXL\\_GPIOName](#) [EK\\_TM4C129EXL\\_GPIOName](#)
- typedef enum [EK\\_TM4C129EXL\\_I2CName](#) [EK\\_TM4C129EXL\\_I2CName](#)
- typedef enum [EK\\_TM4C129EXL\\_PWMName](#) [EK\\_TM4C129EXL\\_PWMName](#)
- typedef enum [EK\\_TM4C129EXL\\_SDSPIName](#) [EK\\_TM4C129EXL\\_SDSPIName](#)
- typedef enum [EK\\_TM4C129EXL\\_SPIName](#) [EK\\_TM4C129EXL\\_SPIName](#)
- typedef enum [EK\\_TM4C129EXL\\_UARTName](#) [EK\\_TM4C129EXL\\_UARTName](#)
- typedef enum [EK\\_TM4C129EXL\\_USBMode](#) [EK\\_TM4C129EXL\\_USBMode](#)
- typedef enum [EK\\_TM4C129EXL\\_USBMSCHFAtFsName](#) [EK\\_TM4C129EXL\\_USBMSCHFAtFsName](#)
- typedef enum [EK\\_TM4C129EXL\\_WatchdogName](#) [EK\\_TM4C129EXL\\_WatchdogName](#)
- typedef enum [EK\\_TM4C129EXL\\_WiFiName](#) [EK\\_TM4C129EXL\\_WiFiName](#)

## Enumerations

- enum [EK\\_TM4C129EXL\\_EMACName](#) { [EK\\_TM4C129EXL\\_EMAC0](#) = 0 , [EK\\_TM4C129EXL\\_EMACCOUNT](#) }
- enum [EK\\_TM4C129EXL\\_GPIOName](#) { [EK\\_TM4C129EXL\\_USR\\_SW1](#) = 0 , [EK\\_TM4C129EXL\\_USR\\_SW2](#) , [EK\\_TM4C129EXL\\_D1](#) , [EK\\_TM4C129EXL\\_D2](#) , [EK\\_TM4C129EXL\\_GPIOCOUNT](#) }
- enum [EK\\_TM4C129EXL\\_I2CName](#) { [EK\\_TM4C129EXL\\_I2C7](#) = 0 , [EK\\_TM4C129EXL\\_I2C8](#) , [EK\\_TM4C129EXL\\_I2CCOUNT](#) }
- enum [EK\\_TM4C129EXL\\_PWMName](#) { [EK\\_TM4C129EXL\\_PWM0](#) = 0 , [EK\\_TM4C129EXL\\_PWMCOUNT](#) }
- enum [EK\\_TM4C129EXL\\_SDSPIName](#) { [EK\\_TM4C129EXL\\_SDSPIO](#) = 0 , [EK\\_TM4C129EXL\\_SDSP11](#) , [EK\\_TM4C129EXL\\_SDSPICOUNT](#) }
- enum [EK\\_TM4C129EXL\\_SPIName](#) { [EK\\_TM4C129EXL\\_SPI2](#) = 0 , [EK\\_TM4C129EXL\\_SPI3](#) , [EK\\_TM4C129EXL\\_SPICOUNT](#) }
- enum [EK\\_TM4C129EXL\\_UARTName](#) { [EK\\_TM4C129EXL\\_UART0](#) = 0 , [EK\\_TM4C129EXL\\_UARTCOUNT](#) }
- enum [EK\\_TM4C129EXL\\_USBMode](#) { [EK\\_TM4C129EXL\\_USBDEVICE](#) , [EK\\_TM4C129EXL\\_USBHOST](#) }
- enum [EK\\_TM4C129EXL\\_USBMSCHFatFsName](#) { [EK\\_TM4C129EXL\\_USBMSCHFatFs0](#) = 0 , [EK\\_TM4C129EXL\\_USBMSCHFatFs1](#) , [EK\\_TM4C129EXL\\_USBMSCHFatFsCOUNT](#) }
- enum [EK\\_TM4C129EXL\\_WatchdogName](#) { [EK\\_TM4C129EXL\\_WATCHDOG0](#) = 0 , [EK\\_TM4C129EXL\\_WATCHDOGCOUNT](#) }
- enum [EK\\_TM4C129EXL\\_WiFiName](#) { [EK\\_TM4C129EXL\\_WIFI](#) = 0 , [EK\\_TM4C129EXL\\_WIFICOUNT](#) }

## Functions

- void [EK\\_TM4C129EXL\\_initGeneral](#) (void)  
*Initialize the general board specific settings.*
- void [EK\\_TM4C129EXL\\_initEMAC](#) (void)  
*Initialize board specific EMAC settings.*
- void [EK\\_TM4C129EXL\\_initGPIO](#) (void)  
*Initialize board specific GPIO settings.*
- void [EK\\_TM4C129EXL\\_initI2C](#) (void)  
*Initialize board specific I2C settings.*
- void [EK\\_TM4C129EXL\\_initPWM](#) (void)  
*Initialize board specific PWM settings.*
- void [EK\\_TM4C129EXL\\_initSDSPI](#) (void)  
*Initialize board specific SDSPI settings.*
- void [EK\\_TM4C129EXL\\_initSPI](#) (void)  
*Initialize board specific SPI settings.*
- void [EK\\_TM4C129EXL\\_initUART](#) (void)  
*Initialize board specific UART settings.*
- void [EK\\_TM4C129EXL\\_initUSB](#) ([EK\\_TM4C129EXL\\_USBMode](#) usbMode)  
*Initialize board specific USB settings.*
- void [EK\\_TM4C129EXL\\_initUSBMSCHFatFs](#) (void)  
*Initialize board specific USBMSCHFatFs settings.*
- void [EK\\_TM4C129EXL\\_initWatchdog](#) (void)  
*Initialize board specific Watchdog settings.*
- void [EK\\_TM4C129EXL\\_initWiFi](#) (void)  
*Initialize board specific WiFi settings.*

### 4.21.1 Detailed Description

EK\_TM4C129EXL Board Specific APIs.

=====

The EK\_TM4C129EXL header file should be included in an application as follows:

```
#include <EK_TM4C129EXL.h>
```

---

### 4.21.2 Macro Definition Documentation

#### 4.21.2.1 EK\_TM4C129EXL\_LED\_OFF

```
#define EK_TM4C129EXL_LED_OFF (0)
```

#### 4.21.2.2 EK\_TM4C129EXL\_LED\_ON

```
#define EK_TM4C129EXL_LED_ON (1)
```

### 4.21.3 Typedef Documentation

#### 4.21.3.1 EK\_TM4C129EXL\_EMACName

```
typedef enum EK_TM4C129EXL_EMACName EK_TM4C129EXL_EMACName
```

#### 4.21.3.2 EK\_TM4C129EXL\_GPIOName

```
typedef enum EK_TM4C129EXL_GPIOName EK_TM4C129EXL_GPIOName
```

#### 4.21.3.3 EK\_TM4C129EXL\_I2CName

```
typedef enum EK_TM4C129EXL_I2CName EK_TM4C129EXL_I2CName
```

#### 4.21.3.4 EK\_TM4C129EXL\_PWMName

```
typedef enum EK_TM4C129EXL_PWMName EK_TM4C129EXL_PWMName
```

#### 4.21.3.5 EK\_TM4C129EXL\_SDSPIName

```
typedef enum EK_TM4C129EXL_SDSPIName EK_TM4C129EXL_SDSPIName
```

#### 4.21.3.6 EK\_TM4C129EXL\_SPIName

```
typedef enum EK_TM4C129EXL_SPIName EK_TM4C129EXL_SPIName
```

#### 4.21.3.7 EK\_TM4C129EXL\_UARTName

```
typedef enum EK_TM4C129EXL_UARTName EK_TM4C129EXL_UARTName
```

**4.21.3.8 EK\_TM4C129EXL\_USBMode**

```
typedef enum EK_TM4C129EXL_USBMode EK_TM4C129EXL_USBMode
```

**4.21.3.9 EK\_TM4C129EXL\_USBMSCHFatFsName**

```
typedef enum EK_TM4C129EXL_USBMSCHFatFsName EK_TM4C129EXL_USBMSCHFatFsName
```

**4.21.3.10 EK\_TM4C129EXL\_WatchdogName**

```
typedef enum EK_TM4C129EXL_WatchdogName EK_TM4C129EXL_WatchdogName
```

**4.21.3.11 EK\_TM4C129EXL\_WiFiName**

```
typedef enum EK_TM4C129EXL_WiFiName EK_TM4C129EXL_WiFiName
```

**4.21.4 Enumeration Type Documentation****4.21.4.1 EK\_TM4C129EXL\_EMACName**

```
enum EK_TM4C129EXL_EMACName
```

**Enumerator**

EK_TM4C129EXL_EMAC0	
EK_TM4C129EXL_EMACCOUNT	

**4.21.4.2 EK\_TM4C129EXL\_GPIOName**

```
enum EK_TM4C129EXL_GPIOName
```

**Enumerator**

EK_TM4C129EXL_USR_SW1	
EK_TM4C129EXL_USR_SW2	
EK_TM4C129EXL_D1	
EK_TM4C129EXL_D2	
EK_TM4C129EXL_GPIOCOUNT	

**4.21.4.3 EK\_TM4C129EXL\_I2CName**

```
enum EK_TM4C129EXL_I2CName
```

**Enumerator**

EK_TM4C129EXL_I2C7	
EK_TM4C129EXL_I2C8	
EK_TM4C129EXL_I2CCOUNT	



#### 4.21.4.4 EK\_TM4C129EXL\_PWMName

enum [EK\\_TM4C129EXL\\_PWMName](#)

##### Enumerator

EK_TM4C129EXL_PWM0	
EK_TM4C129EXL_PWMCOUNT	

#### 4.21.4.5 EK\_TM4C129EXL\_SDSPIName

enum [EK\\_TM4C129EXL\\_SDSPIName](#)

##### Enumerator

EK_TM4C129EXL_SDSPIO	
EK_TM4C129EXL_SDSP1	
EK_TM4C129EXL_SDSPICOUNT	

#### 4.21.4.6 EK\_TM4C129EXL\_SPIName

enum [EK\\_TM4C129EXL\\_SPIName](#)

##### Enumerator

EK_TM4C129EXL_SPI2	
EK_TM4C129EXL_SPI3	
EK_TM4C129EXL_SPICOUNT	

#### 4.21.4.7 EK\_TM4C129EXL\_UARTName

enum [EK\\_TM4C129EXL\\_UARTName](#)

##### Enumerator

EK_TM4C129EXL_UART0	
EK_TM4C129EXL_UARTCOUNT	

#### 4.21.4.8 EK\_TM4C129EXL\_USBMode

enum [EK\\_TM4C129EXL\\_USBMode](#)

##### Enumerator

EK_TM4C129EXL_USBDEVICE	
EK_TM4C129EXL_USBHOST	

#### 4.21.4.9 EK\_TM4C129EXL\_USBMSCHFatFsName

enum [EK\\_TM4C129EXL\\_USBMSCHFatFsName](#)

##### Enumerator

EK_TM4C129EXL_USBMSCHFatFs0	
EK_TM4C129EXL_USBMSCHFatFsCOUNT	

#### 4.21.4.10 EK\_TM4C129EXL\_WatchdogName

enum [EK\\_TM4C129EXL\\_WatchdogName](#)

##### Enumerator

EK_TM4C129EXL_WATCHDOG0	
EK_TM4C129EXL_WATCHDOGCOUNT	

#### 4.21.4.11 EK\_TM4C129EXL\_WiFiName

enum [EK\\_TM4C129EXL\\_WiFiName](#)

##### Enumerator

EK_TM4C129EXL_WIFI	
EK_TM4C129EXL_WIFICOUNT	

### 4.21.5 Function Documentation

#### 4.21.5.1 EK\_TM4C129EXL\_initEMAC()

```
void EK_TM4C129EXL_initEMAC (
    void )
```

Initialize board specific EMAC settings.

This function initializes the board specific EMAC settings and then calls the EMAC\_init API to initialize the EMAC module.

The EMAC address is programmed as part of this call.

#### 4.21.5.2 EK\_TM4C129EXL\_initGeneral()

```
void EK_TM4C129EXL_initGeneral (
    void )
```

Initialize the general board specific settings.

This function initializes the general board specific settings. This includes:

- Enable clock sources for peripherals

#### 4.21.5.3 EK\_TM4C129EXL\_initGPIO()

```
void EK_TM4C129EXL_initGPIO (
    void )
```

Initialize board specific GPIO settings.

This function initializes the board specific GPIO settings and then calls the GPIO\_init API to initialize the GPIO module.

The GPIOs controlled by the GPIO module are determined by the GPIO\_PinConfig variable.

#### 4.21.5.4 EK\_TM4C129EXL\_initI2C()

```
void EK_TM4C129EXL_initI2C (
    void )
```

Initialize board specific I2C settings.

This function initializes the board specific I2C settings and then calls the I2C\_init API to initialize the I2C module.

The I2C peripherals controlled by the I2C module are determined by the I2C\_config variable.

#### 4.21.5.5 EK\_TM4C129EXL\_initPWM()

```
void EK_TM4C129EXL_initPWM (
    void )
```

Initialize board specific PWM settings.

This function initializes the board specific PWM settings and then calls the PWM\_init API to initialize the PWM module.

The PWM peripherals controlled by the PWM module are determined by the PWM\_config variable.

#### 4.21.5.6 EK\_TM4C129EXL\_initSDSPI()

```
void EK_TM4C129EXL_initSDSPI (
    void )
```

Initialize board specific SDSPI settings.

This function initializes the board specific SDSPI settings and then calls the SDSPI\_init API to initialize the SDSPI module.

The SDSPI peripherals controlled by the SDSPI module are determined by the SDSPI\_config variable.

#### 4.21.5.7 EK\_TM4C129EXL\_initSPI()

```
void EK_TM4C129EXL_initSPI (
    void )
```

Initialize board specific SPI settings.

This function initializes the board specific SPI settings and then calls the SPI\_init API to initialize the SPI module.

The SPI peripherals controlled by the SPI module are determined by the SPI\_config variable.

#### 4.21.5.8 EK\_TM4C129EXL\_initUART()

```
void EK_TM4C129EXL_initUART (
    void )
```

Initialize board specific UART settings.

This function initializes the board specific UART settings and then calls the UART\_init API to initialize the UART module.

The UART peripherals controlled by the UART module are determined by the UART\_config variable.

#### 4.21.5.9 EK\_TM4C129EXL\_initUSB()

```
void EK_TM4C129EXL_initUSB (
    EK_TM4C129EXL_USBMode usbMode )
```

Initialize board specific USB settings.

This function initializes the board specific USB settings and pins based on the USB mode of operation.

## Parameters

<i>usbMode</i>	USB mode of operation
----------------	-----------------------

**4.21.5.10 EK\_TM4C129EXL\_initUSBMSCHFatFs()**

```
void EK_TM4C129EXL_initUSBMSCHFatFs (
    void )
```

Initialize board specific USBMSCHFatFs settings.

This function initializes the board specific USBMSCHFatFs settings and then calls the USBMSCHFatFs\_init API to initialize the USBMSCHFatFs module.

The USBMSCHFatFs peripherals controlled by the USBMSCHFatFs module are determined by the USBMSCHFatFs\_config variable.

**4.21.5.11 EK\_TM4C129EXL\_initWatchdog()**

```
void EK_TM4C129EXL_initWatchdog (
    void )
```

Initialize board specific Watchdog settings.

This function initializes the board specific Watchdog settings and then calls the Watchdog\_init API to initialize the Watchdog module.

The Watchdog peripherals controlled by the Watchdog module are determined by the Watchdog\_config variable.

**4.21.5.12 EK\_TM4C129EXL\_initWiFi()**

```
void EK_TM4C129EXL_initWiFi (
    void )
```

Initialize board specific WiFi settings.

This function initializes the board specific WiFi settings and then calls the WiFi\_init API to initialize the WiFi module.

The hardware resources controlled by the WiFi module are determined by the WiFi\_config variable.

A SimpleLink CC3100 device or module is required and must be connected to use the WiFi driver.

**4.22 EK\_TM4C129EXL.h**

[Go to the documentation of this file.](#)

```
1 /*
2  * Copyright (c) 2015, Texas Instruments Incorporated
3  * All rights reserved.
4  *
5  * Redistribution and use in source and binary forms, with or without
6  * modification, are permitted provided that the following conditions
7  * are met:
8  *
9  * * Redistributions of source code must retain the above copyright
10 * * notice, this list of conditions and the following disclaimer.
11 *
12 * * Redistributions in binary form must reproduce the above copyright
13 * * notice, this list of conditions and the following disclaimer in the
14 * * documentation and/or other materials provided with the distribution.
15 *
16 * * Neither the name of Texas Instruments Incorporated nor the names of
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18 * * from this software without specific prior written permission.
19 *
20 * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
21 * AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
22 * THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
23 * PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
24 * CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
25 * EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
26 * PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
27 * OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
28 * WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
29 * OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE,
30 * EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
31 */
```

```

46 #ifndef __EK_TM4C129EXL_H
47 #define __EK_TM4C129EXL_H
48
49 #ifdef __cplusplus
50 extern "C" {
51 #endif
52
53 /* LEDs on EK_TM4C129EXL are active high. */
54 #define EK_TM4C129EXL_LED_OFF (0)
55 #define EK_TM4C129EXL_LED_ON (1)
56
57 typedef enum EK_TM4C129EXL_EMACName {
58     EK_TM4C129EXL_EMAC0 = 0,
59     EK_TM4C129EXL_EMACCOUNT
60 } EK_TM4C129EXL_EMACName;
61
62 typedef enum EK_TM4C129EXL_GPIOName {
63     EK_TM4C129EXL_USR_SW1 = 0,
64     EK_TM4C129EXL_USR_SW2,
65     EK_TM4C129EXL_D1,
66     EK_TM4C129EXL_D2,
67     EK_TM4C129EXL_GPIOCOUNT
68 } EK_TM4C129EXL_GPIOName;
69
70 typedef enum EK_TM4C129EXL_I2CName {
71     EK_TM4C129EXL_I2C7 = 0,
72     EK_TM4C129EXL_I2C8,
73     EK_TM4C129EXL_I2CCOUNT
74 } EK_TM4C129EXL_I2CName;
75
76 typedef enum EK_TM4C129EXL_PWMName {
77     EK_TM4C129EXL_PWM0 = 0,
78     EK_TM4C129EXL_PWMCOUNT
79 } EK_TM4C129EXL_PWMName;
80
81 typedef enum EK_TM4C129EXL_SDSPIName {
82     EK_TM4C129EXL_SDSPI0 = 0,
83     EK_TM4C129EXL_SDSPI1,
84     EK_TM4C129EXL_SDSPICOUNT
85 } EK_TM4C129EXL_SDSPIName;
86
87 typedef enum EK_TM4C129EXL_SPIName {
88     EK_TM4C129EXL_SPI2 = 0,
89     EK_TM4C129EXL_SPI3,
90     EK_TM4C129EXL_SPICOUNT
91 } EK_TM4C129EXL_SPIName;
92
93 typedef enum EK_TM4C129EXL_UARTName {
94     EK_TM4C129EXL_UART0 = 0,
95     EK_TM4C129EXL_UARTCOUNT
96 } EK_TM4C129EXL_UARTName;
97
98 typedef enum EK_TM4C129EXL_USBMode {
99     EK_TM4C129EXL_USBDEVICE,
100     EK_TM4C129EXL_USBHOST
101 } EK_TM4C129EXL_USBMode;
102
103 typedef enum EK_TM4C129EXL_USBMSCHFATFSName {
104     EK_TM4C129EXL_USBMSCHFATFS0 = 0,
105     EK_TM4C129EXL_USBMSCHFATFSCOUNT
106 } EK_TM4C129EXL_USBMSCHFATFSName;
107
108 /*
109 * @def EK_TM4C129EXL_WatchdogName
110 * @brief Enum of Watchdogs on the EK_TM4C129EXL dev board
111 */
112 typedef enum EK_TM4C129EXL_WatchdogName {
113     EK_TM4C129EXL_WATCHDOG0 = 0,
114     EK_TM4C129EXL_WATCHDOGCOUNT
115 } EK_TM4C129EXL_WatchdogName;
116
117 typedef enum EK_TM4C129EXL_WiFiName {
118     EK_TM4C129EXL_WIFI = 0,
119     EK_TM4C129EXL_WIFICOUNT
120 } EK_TM4C129EXL_WiFiName;
121
122 extern void EK_TM4C129EXL_initGeneral(void);

```

```

180
190 extern void EK_TM4C129EXL_initEMAC(void);
191
201 extern void EK_TM4C129EXL_initGPIO(void);
202
212 extern void EK_TM4C129EXL_initI2C(void);
213
223 extern void EK_TM4C129EXL_initPWM(void);
224
234 extern void EK_TM4C129EXL_initSDSPI(void);
235
245 extern void EK_TM4C129EXL_initSPI(void);
246
256 extern void EK_TM4C129EXL_initUART(void);
257
266 extern void EK_TM4C129EXL_initUSB(EK_TM4C129EXL_USBMode usbMode);
267
277 extern void EK_TM4C129EXL_initUSBMSCHFatFs(void);
278
288 extern void EK_TM4C129EXL_initWatchdog(void);
289
302 extern void EK_TM4C129EXL_initWiFi(void);
303
304 #ifdef __cplusplus
305 }
306 #endif
307
308 #endif /* __EK_TM4C129EXL_H */

```

## 4.23 Libraries/Buttons/Buttons.c File Reference

```
#include "Buttons.h"
```

### Functions

- void [initButtons](#) (void)  
*Initialize all related registers to use the Port J0 & J1 or the embedded buttons.*
- void [initTimers](#) (void)  
*Initialize all related registers to use the TIMER1A and TIMER2A.*
- int [stateMachineDecodeFxn](#) ()  
*Decodes the state of the micro based on the time that the Switch1 is pressed.*
- void [digitalClockConfig](#) (uint8\_t \*timeUnit, int state)  
*Enters the Digital Clock Config state, where the user can add time to the global variables of hours and minutes.*

### 4.23.1 Function Documentation

#### 4.23.1.1 digitalClockConfig()

```

void digitalClockConfig (
    uint8_t * timeUnit,
    const int state )

```

Enters the Digital Clock Config state, where the user can add time to the global variables of hours and minutes.

#### Parameters

in	<i>timeUnit</i>	Memory location of the variable to be modified it could be hours or minutes
in	<i>state</i>	State to identify if the hours or minutes are added

#### example

```
void digitalClockConfig(&timeUnit);
```

**Note**

N/A

**4.23.1.2 initButtons()**

```
void initButtons (
    void )
```

Initialize all related registers to use the Port J0 & J1 or the embedded buttons.

**example**

```
void initButtons();
```

**Note**

N/A

**4.23.1.3 initTimers()**

```
void initTimers (
    void )
```

Initialize all related registers to use the TIMER1A and TIMER2A.

**example**

```
void initTimers();
```

**Note**

N/A

**4.23.1.4 stateMachineDecodeFxn()**

```
int stateMachineDecodeFxn (
    void )
```

Decodes the state of the micro based on the time that the Switch1 is pressed.

**example**

```
int state = stateMachineDecodeFxn(state);
```

**Note**

N/A

**4.24 Libraries/Buttons/Buttons.h File Reference**

```
#include <stdbool.h>
#include <stdint.h>
#include "driverlib/sysctl.h"
#include "driverlib/gpio.h"
#include "inc/hw_memmap.h"
#include "inc/hw_ints.h"
#include "inc/hw_types.h"
#include "driverlib/timer.h"
#include "driverlib/interrupt.h"
```

**Macros**

- #define `SYSCLOCK_SPEED` (uint32\_t) 120000000
- #define `TIME_UNIT_SECONDS` 1

- `#define TIME_UNIT_100_MILLISECONDS 100`
- `#define TASK_DURATION_MILLISECONDS 10`
- `#define DISPLAY_CLOCK_MINIMUM_TIME 10 / TASK_DURATION_MILLISECONDS`
- `#define DISPLAY_CLOCK_MAXIMUM_TIME 900 / TASK_DURATION_MILLISECONDS`
- `#define CONFIG_CLOCK_MINIMUM_TIME 1000 / TASK_DURATION_MILLISECONDS`
- `#define CONFIG_CLOCK_MAXIMUM_TIME 3000 / TASK_DURATION_MILLISECONDS`
- `#define CONFIG_CLOCK_CHANGE_STATE_MIN 10 / TASK_DURATION_MILLISECONDS`
- `#define CONFIG_CLOCK_CHANGE_STATE_MAX 500 / TASK_DURATION_MILLISECONDS`
- `#define DISPLAY_CLOCK_DISPLAY_MAX_TIME 3000 / TASK_DURATION_MILLISECONDS`
- `#define DEBOUNCE_TIME 10 / TASK_DURATION_MILLISECONDS`
- `#define HOUR_FORMAT_12 13`
- `#define HOUR_FORMAT_24 24`
- `#define MINUTES_MAX_VALUE 60`

## Enumerations

- enum `StateMachineValue` { `STATE_TEMPERATURE_SENSOR` = 0 , `STATE_DISPLAY_CLOCK` , `STATE_CONFIGURE_CLOCK_HOURS` , `STATE_CONFIGURE_CLOCK_MINUTES` }

## Functions

- void `initButtons` (void)  
*Initialize all related registers to use the Port J0 & J1 or the embedded buttons.*
- void `initTimers` (void)  
*Initialize all related registers to use the TIMER1A and TIMER2A.*
- int `stateMachineDecodeFxn` (void)  
*Decodes the state of the micro based on the time that the Switch1 is pressed.*
- void `digitalClockConfig` (uint8\_t \*timeUnit, const int state)  
*Enters the Digital Clock Config state, where the user can add time to the global variables of hours and minutes.*

## 4.24.1 Macro Definition Documentation

### 4.24.1.1 CONFIG\_CLOCK\_CHANGE\_STATE\_MAX

```
#define CONFIG_CLOCK_CHANGE_STATE_MAX 500 / TASK_DURATION_MILLISECONDS
```

### 4.24.1.2 CONFIG\_CLOCK\_CHANGE\_STATE\_MIN

```
#define CONFIG_CLOCK_CHANGE_STATE_MIN 10 / TASK_DURATION_MILLISECONDS
```

### 4.24.1.3 CONFIG\_CLOCK\_MAXIMUM\_TIME

```
#define CONFIG_CLOCK_MAXIMUM_TIME 3000 / TASK_DURATION_MILLISECONDS
```

### 4.24.1.4 CONFIG\_CLOCK\_MINIMUM\_TIME

```
#define CONFIG_CLOCK_MINIMUM_TIME 1000 / TASK_DURATION_MILLISECONDS
```

### 4.24.1.5 DEBOUNCE\_TIME

```
#define DEBOUNCE_TIME 10 / TASK_DURATION_MILLISECONDS
```



#### 4.24.1.6 DISPLAY\_CLOCK\_DISPLAY\_MAX\_TIME

```
#define DISPLAY_CLOCK_DISPLAY_MAX_TIME 3000 / TASK_DURATION_MILLISECONDS
```

#### 4.24.1.7 DISPLAY\_CLOCK\_MAXIMUM\_TIME

```
#define DISPLAY_CLOCK_MAXIMUM_TIME 900 / TASK_DURATION_MILLISECONDS
```

#### 4.24.1.8 DISPLAY\_CLOCK\_MINIMUM\_TIME

```
#define DISPLAY_CLOCK_MINIMUM_TIME 10 / TASK_DURATION_MILLISECONDS
```

#### 4.24.1.9 HOUR\_FORMAT\_12

```
#define HOUR_FORMAT_12 13
```

#### 4.24.1.10 HOUR\_FORMAT\_24

```
#define HOUR_FORMAT_24 24
```

#### 4.24.1.11 MINUTES\_MAX\_VALUE

```
#define MINUTES_MAX_VALUE 60
```

#### 4.24.1.12 SYSCLOCK\_SPEED

```
#define SYSCLOCK_SPEED (uint32_t) 120000000
```

#### 4.24.1.13 TASK\_DURATION\_MILLISECONDS

```
#define TASK_DURATION_MILLISECONDS 10
```

#### 4.24.1.14 TIME\_UNIT\_100\_MILLISECONDS

```
#define TIME_UNIT_100_MILLISECONDS 100
```

#### 4.24.1.15 TIME\_UNIT\_SECONDS

```
#define TIME_UNIT_SECONDS 1
```

### 4.24.2 Enumeration Type Documentation

#### 4.24.2.1 StateMachineValue

```
enum StateMachineValue
```

Enumerator

STATE_TEMPERATURE_SENSOR	
--------------------------	--

## Enumerator

STATE_DISPLAY_CLOCK	
STATE_CONFIGURE_CLOCK_HOURS	
STATE_CONFIGURE_CLOCK_MINUTES	

### 4.24.3 Function Documentation

#### 4.24.3.1 digitalClockConfig()

```
void digitalClockConfig (
    uint8_t * timeUnit,
    const int state )
```

Enters the Digital Clock Config state, where the user can add time to the global variables of hours and minutes.

## Parameters

in	<i>timeUnit</i>	Memory location of the variable to be modified it could be hours or minutes
in	<i>state</i>	State to identify if the hours or minutes are added

## example

```
void digitalClockConfig(&timeUnit);
```

## Note

N/A

#### 4.24.3.2 initButtons()

```
void initButtons (
    void )
```

Initialize all related registers to use the Port J0 & J1 or the embedded buttons.

## example

```
void initButtons();
```

## Note

N/A

#### 4.24.3.3 initTimers()

```
void initTimers (
    void )
```

Initialize all related registers to use the TIMER1A and TIMER2A.

## example

```
void initTimers();
```

## Note

N/A

#### 4.24.3.4 stateMachineDecodeFxn()

```
int stateMachineDecodeFxn (
    void )
```

Decodes the state of the micro based on the time that the Switch1 is pressed.

##### example

```
int state = stateMachineDecodeFxn(state);
```

##### Note

N/A

## 4.25 Buttons.h

[Go to the documentation of this file.](#)

```
1 /* Project Documentation
2 @Company
3 Universidad Tecnologica de Queretaro - Visteon
4
5 @Project Name
6 ProyectoFinalDisplayV4
7
8 @File Name
9 Buttons.h
10
11 @Author
12 Romero, Rodrigo
13 Olvera, Diego
14 Perches, Gibran
15
16 @Summary
17 This is the a header file for C language. The purpose is to
18 initialize all display libraries and functions.
19
20 @Date
21 07/10/2022
22
23 @Version
24 V4.0
25
26 @Description
27 This source file is going to implement the buttons module of the final project.
28 The following list describes how the module works:
29 - From 10 to 900 ms the module should display the current hour in the format hh:mm
30 - From 1000 to 3000 the module will enter in a "Hour Adjust" mode
31
32
33 Generation Information :
34 Product Revision : TM4C129EXL - 1.168.0
35 Device : TM4C129ENC PDT
36 The generated drivers are tested against the following:
37 Language : C ANSI C 89 Mode
38 Compiler : Tiv16.9.6LTS
39 CCS : CCS v7.4.0.00015
40 */
41
42 /*
43 (c) 2022 Romero Rodrigo, OlveraDiego, Perches Gibran. You may use this
44 software and any derivatives exclusively with Texas Instruments products.
45
46 THIS SOFTWARE IS SUPPLIED BY Romero Rodrigo, Olvera Diego, Perches Gibran "AS IS".
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50 WITH ANY OTHER PRODUCTS, OR USE IN ANY APPLICATION.
51
52 Romero Rodrigo, Olvera Diego, Perches Gibran PROVIDES THIS SOFTWARE CONDITIONALLY UPON
53 YOUR ACCEPTANCE OF THESE TERMS.
54 */
55
56
57 #ifndef LIBRARIES_BUTTONS_BUTTONS_H_
58 #define LIBRARIES_BUTTONS_BUTTONS_H_
59
60 /* *****
61 * Included files
62 * *****
63 */
64 #include <stdbool.h>
65 #include <stdint.h>
66 #include "driverlib/sysctl.h"
67 #include "driverlib/gpio.h"
```

```

68 #include "inc/hw_memmap.h"
69 #include "inc/hw_ints.h"
70 #include "inc/hw_types.h"
71 #include "driverlib/timer.h"
72 #include "driverlib/interrupt.h"
73
74 /* *****
75 *                               Macros
76 * *****
77 */
78
79 // Define the processor speed
80 #undef SYSCLOCK_SPEED
81 #define SYSCLOCK_SPEED (uint32_t) 120000000
82 // Define minimum unit of time to be used
83 #define TIME_UNIT_SECONDS 1
84 #define TIME_UNIT_100_MILLISECONDS 100
85
86 #undef TASK_DURATION_MILLISECONDS
87 #define TASK_DURATION_MILLISECONDS 10
88 // Define the times when the buttons are pressed
89 #define DISPLAY_CLOCK_MINIMUM_TIME 10 / TASK_DURATION_MILLISECONDS
90 #define DISPLAY_CLOCK_MAXIMUM_TIME 900 / TASK_DURATION_MILLISECONDS
91 #define CONFIG_CLOCK_MINIMUM_TIME 1000 / TASK_DURATION_MILLISECONDS
92 #define CONFIG_CLOCK_MAXIMUM_TIME 3000 / TASK_DURATION_MILLISECONDS
93 #define CONFIG_CLOCK_CHANGE_STATE_MIN 10 / TASK_DURATION_MILLISECONDS
94 #define CONFIG_CLOCK_CHANGE_STATE_MAX 500 / TASK_DURATION_MILLISECONDS
95 #define DISPLAY_CLOCK_DISPLAY_MAX_TIME 3000 / TASK_DURATION_MILLISECONDS
96 #define DEBOUNCE_TIME 10 / TASK_DURATION_MILLISECONDS
97
98 #undef HOUR_FORMAT_12
99 #define HOUR_FORMAT_12 13
100
101 #undef HOUR_FORMAT_24
102 #define HOUR_FORMAT_24 24
103
104 #undef MINUTES_MAX_VALUE
105 #define MINUTES_MAX_VALUE 60
106
107 /* *****
108 *                               Definitions
109 * *****
110 */
111
112 enum StateMachineValue
113 {
114     STATE_TEMPERATURE_SENSOR = 0,
115     STATE_DISPLAY_CLOCK,
116     STATE_CONFIGURE_CLOCK_HOURS,
117     STATE_CONFIGURE_CLOCK_MINUTES
118 };
119
120 /* *****
121 *                               Function prototypes
122 * *****
123 */
124
125 void initButtons(void);
126
127 void initTimers(void);
128
129 int stateMachineDecodeFxn(void);
130
131 void digitalClockConfig(uint8_t* timeUnit, const int state);
132
133 #endif /* LIBRARIES_BUTTONS_BUTTONS_H_ */

```

## 4.26 Libraries/Display/Display.c File Reference

```
#include "Display.h"
```

### Functions

- void [SpiSend](#) (uint8\_t registerAddress, uint8\_t registerValue)  
*Use the SPI protocol to send the information provided.*
- void [initDisplay](#) (void)

*Initialize all related registers to use the 7-digit display with the SPI protocol.*

- void `cleanDisplay` (void)  
*Cleans the display.*
- void `displayTempValue` (const float tempValue)  
*Displays the temperature value.*
- void `displayTime` (const uint8\_t hours, const uint8\_t minutes)  
*Displays the temperature value.*
- void `displayTest` (void)  
*Test the display sending different predefined messages.*

## 4.26.1 Function Documentation

### 4.26.1.1 `cleanDisplay()`

```
void cleanDisplay (
    void )
```

Cleans the display.

#### example

```
void initDisplay();
```

#### Note

N/A

### 4.26.1.2 `displayTempValue()`

```
void displayTempValue (
    const float tempValue )
```

Displays the temperature value.

#### Parameters

in	<i>tempValue</i>	Temperature value including decimal point
----	------------------	---

#### example

```
void displayTempValue ((int)tempValue);
```

#### Note

The temperature value must be multiplied by 10 as the algorithm includes the decimal point

### 4.26.1.3 `displayTest()`

```
void displayTest (
    void )
```

Test the display sending different predefined messages.

#### example

```
void displayTest();
```

#### Note

n/a

#### 4.26.1.4 displayTime()

```
void displayTime (
    const uint8_t hours,
    const uint8_t minutes )
```

Displays the temperature value.

##### Parameters

in	<i>hours</i>	Hours to be displayed
in	<i>minutes</i>	Minutes to be displayed

##### example

```
void displayTime((int)hours, (int)minutes);
```

##### Note

n/a

#### 4.26.1.5 initDisplay()

```
void initDisplay (
    void )
```

Initialize all related registers to use the 7-digit display with the SPI protocol.

##### example

```
void initDisplay();
```

##### Note

N/A

#### 4.26.1.6 SpiSend()

```
void SpiSend (
    uint8_t registerAddress,
    uint8_t registerValue )
```

Use the SPI protocol to send the information provided.

##### Parameters

in	<i>registerAddress</i>	Register address where the information is going
in	<i>registerValue</i>	Value to be set in the register

##### example

```
void convertToStringValue((uint8_t)registerAddress, (uint8_t)registerValue);
```

##### Note

N/A

## 4.27 Libraries/Display/Display.h File Reference

```
#include <stdint.h>
#include <stdbool.h>
#include <math.h>
#include "inc/hw_types.h"
#include "inc/hw_memmap.h"
#include "driverlib/sysctl.h"
```

```
#include "driverlib/gpio.h"
#include "SevenDigitMacros.h"
```

## Macros

- `#define OP_NOOP` (uint8\_t)0x00
- `#define OP_DIGIT0` (uint8\_t)0x01
- `#define OP_DIGIT1` (uint8\_t)0x02
- `#define OP_DIGIT2` (uint8\_t)0x03
- `#define OP_DIGIT3` (uint8\_t)0x04
- `#define OP_DIGIT4` (uint8\_t)0x05
- `#define OP_DIGIT5` (uint8\_t)0x06
- `#define OP_DIGIT6` (uint8\_t)0x07
- `#define OP_DIGIT7` (uint8\_t)0x08
- `#define OP_DECODEMODE` (uint8\_t)0x09
- `#define OP_INTENSITY` (uint8\_t)0x0A
- `#define OP_SCANLIMIT` (uint8\_t)0x0B
- `#define OP_SHUTDOWN` (uint8\_t)0x0C
- `#define OP_DISPLAYTEST` (uint8\_t)0x0F
- `#define SHUTDOWN_SM` (uint8\_t)0x00
- `#define SHUTDOWN_NO` (uint8\_t)0x01
- `#define DECOMODE_NODECODE` (uint8\_t)0x00
- `#define DECOMODE_CODEB0` (uint8\_t)0x01
- `#define DECOMODE_CODEB30` (uint8\_t)0x0F
- `#define DECOMODE_CODEB70` (uint8\_t)0xFF
- `#define DISPLAY_TEST_NORMAL_OPERATION` (uint8\_t)0x00
- `#define DISPLAY_TEST_MODE` (uint8\_t)0x01
- `#define BLANK_VALUE_DISPLAY` 99
- `#define DISPLAY_MAX_LENGTH` 8
- `#define HOUR_FORMAT_12` 13
- `#define HOUR_FORMAT_24` 24
- `#define MINUTES_MAX_VALUE` 60
- `#define FLOATING_POINT_MULTIPLIER` 10

## Functions

- void `initDisplay` (void)  
*Initialize all related registers to use the 7-digit display with the SPI protocol.*
- void `SpiSend` (uint8\_t registerAddress, uint8\_t registerValue)  
*Use the SPI protocol to send the information provided.*
- void `displayTempValue` (const float tempValue)  
*Displays the temperature value.*
- void `displayTime` (const uint8\_t hours, const uint8\_t minutes)  
*Displays the temperature value.*
- void `displayTest` (void)  
*Test the display sending different predefined messages.*

### 4.27.1 Macro Definition Documentation

#### 4.27.1.1 BLANK\_VALUE\_DISPLAY

```
#define BLANK_VALUE_DISPLAY 99
```

#### 4.27.1.2 DECOMODE\_CODEB0

```
#define DECOMODE_CODEB0 (uint8_t)0x01
```

#### 4.27.1.3 DECOMODE\_CODEB30

```
#define DECOMODE_CODEB30 (uint8_t)0x0F
```

#### 4.27.1.4 DECOMODE\_CODEB70

```
#define DECOMODE_CODEB70 (uint8_t)0xFF
```

#### 4.27.1.5 DECOMODE\_NODECODE

```
#define DECOMODE_NODECODE (uint8_t)0x00
```

#### 4.27.1.6 DISPLAY\_MAX\_LENGTH

```
#define DISPLAY_MAX_LENGTH 8
```

#### 4.27.1.7 DISPLAY\_TEST\_MODE

```
#define DISPLAY_TEST_MODE (uint8_t)0x01
```

#### 4.27.1.8 DISPLAY\_TEST\_NORMAL\_OPERATION

```
#define DISPLAY_TEST_NORMAL_OPERATION (uint8_t)0x00
```

#### 4.27.1.9 FLOATING\_POINT\_MULTIPLIER

```
#define FLOATING_POINT_MULTIPLIER 10
```

#### 4.27.1.10 HOUR\_FORMAT\_12

```
#define HOUR_FORMAT_12 13
```

#### 4.27.1.11 HOUR\_FORMAT\_24

```
#define HOUR_FORMAT_24 24
```

#### 4.27.1.12 MINUTES\_MAX\_VALUE

```
#define MINUTES_MAX_VALUE 60
```

#### 4.27.1.13 OP\_DECODEMODE

```
#define OP_DECODEMODE (uint8_t)0x09
```



**4.27.1.14 OP\_DIGIT0**

```
#define OP_DIGIT0 (uint8_t)0x01
```

**4.27.1.15 OP\_DIGIT1**

```
#define OP_DIGIT1 (uint8_t)0x02
```

**4.27.1.16 OP\_DIGIT2**

```
#define OP_DIGIT2 (uint8_t)0x03
```

**4.27.1.17 OP\_DIGIT3**

```
#define OP_DIGIT3 (uint8_t)0x04
```

**4.27.1.18 OP\_DIGIT4**

```
#define OP_DIGIT4 (uint8_t)0x05
```

**4.27.1.19 OP\_DIGIT5**

```
#define OP_DIGIT5 (uint8_t)0x06
```

**4.27.1.20 OP\_DIGIT6**

```
#define OP_DIGIT6 (uint8_t)0x07
```

**4.27.1.21 OP\_DIGIT7**

```
#define OP_DIGIT7 (uint8_t)0x08
```

**4.27.1.22 OP\_DISPLAYTEST**

```
#define OP_DISPLAYTEST (uint8_t)0x0F
```

**4.27.1.23 OP\_INTENSITY**

```
#define OP_INTENSITY (uint8_t)0x0A
```

**4.27.1.24 OP\_NOOP**

```
#define OP_NOOP (uint8_t)0x00
```

**4.27.1.25 OP\_SCANLIMIT**

```
#define OP_SCANLIMIT (uint8_t)0x0B
```

#### 4.27.1.26 OP\_SHUTDOWN

```
#define OP_SHUTDOWN (uint8_t)0x0C
```

#### 4.27.1.27 SHUTDOWN\_NO

```
#define SHUTDOWN_NO (uint8_t)0x01
```

#### 4.27.1.28 SHUTDOWN\_SM

```
#define SHUTDOWN_SM (uint8_t)0x00
```

### 4.27.2 Function Documentation

#### 4.27.2.1 displayTempValue()

```
void displayTempValue (
    const float tempValue )
```

Displays the temperature value.

##### Parameters

in	<i>tempValue</i>	Temperature value including decimal point
----	------------------	---

##### example

```
void displayTempValue((int)tempValue);
```

##### Note

The temperature value must be multiplied by 10 as the algorithm includes the decimal point

#### 4.27.2.2 displayTest()

```
void displayTest (
    void )
```

Test the display sending different predefined messages.

##### example

```
void displayTest();
```

##### Note

n/a

#### 4.27.2.3 displayTime()

```
void displayTime (
    const uint8_t hours,
    const uint8_t minutes )
```

Displays the temperature value.

##### Parameters

in	<i>hours</i>	Hours to be displayed
in	<i>minutes</i>	Minutes to be displayed

**example**

```
void displayTime((int)hours, (int)minutes);
```

**Note**

n/a

**4.27.2.4 initDisplay()**

```
void initDisplay (
    void )
```

Initialize all related registers to use the 7-digit display with the SPI protocol.

**example**

```
void initDisplay();
```

**Note**

N/A

**4.27.2.5 SpiSend()**

```
void SpiSend (
    uint8_t registerAddress,
    uint8_t registerValue )
```

Use the SPI protocol to send the information provided.

**Parameters**

in	<i>registerAddress</i>	Register address where the information is going
in	<i>registerValue</i>	Value to be set in the register

**example**

```
void convertToStringValue((uint8_t)registerAddress, (uint8_t)registerValue);
```

**Note**

N/A

**4.28 Display.h**

[Go to the documentation of this file.](#)

```
1 /* Project Documentation
2 @Company
3 Universidad Tecnologica de Queretaro - Visteon
4
5 @Project Name
6 ProyectoFinalDisplayV4
7
8 @File Name
9 Display.h
10
11 @Author
12 Romero, Rodrigo
13 Olvera, Diego
14 Perches, Gibran
15
16 @Summary
17 This is the a header file for C language. The purpose is to
18 initialize all display libraries and functions.
19
20 @Date
21 07/10/2022
22
23 @Version
24 V4.0
25
```

```

26 @Description
27 This source file is going to implement the SPI module of the microcontroller
28 to communicate it with a 7-digit segment and the serial controller MAX7219.
29 The system will use the pins PD1 - MOSI, PN3 - CS & PD3 - SPI CLK.
30
31
32 Generation Information :
33 Product Revision : TM4C129EXL - 1.168.0
34 Device : TM4C129ENCPDT
35 The generated drivers are tested against the following:
36 Language : C ANSI C 89 Mode
37 Compiler : Tiv16.9.6LTS
38 CCS : CCS v7.4.0.00015
39 */
40
41 /*
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50
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52 YOUR ACCEPTANCE OF THESE TERMS.
53 */
54
55 #ifndef LIBRARIES_DISPLAY_H_
56 #define LIBRARIES_DISPLAY_H_
57
58 /* *****
59 * Included files
60 * *****
61 */
62 #include <stdint.h>
63 #include <stdbool.h>
64 #include <math.h>
65
66 #include "inc/hw_types.h"
67 #include "inc/hw_memmap.h"
68 #include "driverlib/sysctl.h"
69 #include "driverlib/gpio.h"
70 #include "driverlib/sysctl.h"
71 #include "SevenDigitMacros.h"
72 /* *****
73 * Macros
74 * *****
75 */
76 // Values defined by the datasheet to send values to the display
77 #define OP_NOOP (uint8_t)0x00
78 #define OP_DIGIT0 (uint8_t)0x01
79 #define OP_DIGIT1 (uint8_t)0x02
80 #define OP_DIGIT2 (uint8_t)0x03
81 #define OP_DIGIT3 (uint8_t)0x04
82 #define OP_DIGIT4 (uint8_t)0x05
83 #define OP_DIGIT5 (uint8_t)0x06
84 #define OP_DIGIT6 (uint8_t)0x07
85 #define OP_DIGIT7 (uint8_t)0x08
86 #define OP_DECODEMODE (uint8_t)0x09
87 #define OP_INTENSITY (uint8_t)0x0A
88 #define OP_SCANLIMIT (uint8_t)0x0B
89 #define OP_SHUTDOWN (uint8_t)0x0C
90 #define OP_DISPLAYTEST (uint8_t)0x0F
91
92 // Shutdown mode table 3
93 #define SHUTDOWN_SM (uint8_t)0x00 // (12)+(00) Shutdown mode
94 #define SHUTDOWN_NO (uint8_t)0x01 // (12)+(01) Normal Operation
95
96 // Decode mode table 4
97 #define DECOMODE_NODECODE (uint8_t)0x00 // No decode for digits 7-0
98 #define DECOMODE_CODEB0 (uint8_t)0x01 // Code B decode for digit 0, No decode for digits 7-1
99 #define DECOMODE_CODEB30 (uint8_t)0x0F // Code B decode for digits 3-0, No decode for digits 7-4
100 #define DECOMODE_CODEB70 (uint8_t)0xFF // Code B decode for digits 7-0
101
102 #define DISPLAY_TEST_NORMAL_OPERATION (uint8_t)0x00
103 #define DISPLAY_TEST_MODE (uint8_t)0x01
104
105 #undef BLANK_VALUE_DISPLAY
106 #define BLANK_VALUE_DISPLAY 99
107
108 #define DISPLAY_MAX_LENGTH 8
109
110 #undef HOUR_FORMAT_12
111 #define HOUR_FORMAT_12 13
112

```

```

113 #undef HOUR_FORMAT_24
114 #define HOUR_FORMAT_24 24
115
116 #undef MINUTES_MAX_VALUE
117 #define MINUTES_MAX_VALUE 60
118
119 #define FLOATING_POINT_MULTIPLIER 10
120
121 /* *****
122 *                               Function prototypes
123 * *****
124 */
125
126 void initDisplay(void);
127
128 void SpiSend(uint8_t registerAddress, uint8_t registerValue);
129
130 static void cleanDisplay(void);
131
132 void displayTempValue(const float tempValue);
133
134 void displayTime(const uint8_t hours, const uint8_t minutes);
135
136 void displayTest(void);
137
138 #endif /* LIBRARIES_DISPLAY_H_ */

```

## 4.29 Libraries/Display/SevenDigitMacros.h File Reference

### Macros

- #define [SEVEN\\_DIGIT\\_DISPLAY\\_C\\_LETTER\\_CL](#) (uint8\_t)0b01001110
- #define [SEVEN\\_DIGIT\\_DISPLAY\\_H\\_LETTER\\_LC](#) (uint8\_t)0b00010111
- #define [SEVEN\\_DIGIT\\_DISPLAY\\_DEGREE](#) (uint8\_t)0b01100011
- #define [SEVEN\\_DIGIT\\_DISPLAY\\_MINUS](#) (uint8\_t)0b00000001

### 4.29.1 Macro Definition Documentation

#### 4.29.1.1 SEVEN\_DIGIT\_DISPLAY\_C\_LETTER\_CL

```
#define SEVEN_DIGIT_DISPLAY_C_LETTER_CL (uint8_t)0b01001110
```

#### 4.29.1.2 SEVEN\_DIGIT\_DISPLAY\_DEGREE

```
#define SEVEN_DIGIT_DISPLAY_DEGREE (uint8_t)0b01100011
```

#### 4.29.1.3 SEVEN\_DIGIT\_DISPLAY\_H\_LETTER\_LC

```
#define SEVEN_DIGIT_DISPLAY_H_LETTER_LC (uint8_t)0b00010111
```

#### 4.29.1.4 SEVEN\_DIGIT\_DISPLAY\_MINUS

```
#define SEVEN_DIGIT_DISPLAY_MINUS (uint8_t)0b00000001
```

## 4.30 SevenDigitMacros.h

[Go to the documentation of this file.](#)

```

1 /* Project Documentation
2 @Company
3 Universidad Tecnologica de Queretaro - Visteon
4
5 @Project Name
6 ProyectoFinalDisplayV4

```

```

7
8 @File Name
9 SevenDigitMacros.h
10
11 @Author
12 Romero, Rodrigo
13 Olvera, Diego
14 Perches, Gibran
15
16 @Summary
17 This is the a header file for C language. The purpose is to
18 have a separate header file for the macros.
19
20 @Date
21 07/10/2022
22
23 @Version
24 V4.0
25
26 @Description
27 The macros here are going to be decoded as a 7-digit display
28 Following the next codification
29
30 A
31 _
32 F | | B
33 - G
34 E | | C
35 -
36 D .DP
37
38 Where the order is: DP A B C D E F G in positive logic
39
40 Generation Information :
41 Product Revision : TM4C129EXL - 1.168.0
42 Device : TM4C129ENC PDT
43 The generated drivers are tested against the following:
44 Language : C ANSI C 89 Mode
45 Compiler : Tiv16.9.6LTS
46 CCS : CCS v7.4.0.00015
47 */
48
49 /*
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61 */
62 #ifndef LIBRARIES_SEVENDIGITMACROS_H_
63 #define LIBRARIES_SEVENDIGITMACROS_H_
64
65 /* *****
66 * Add the necessary macros here
67 * *****
68 */
69
70 // Numbers
71 static const uint8_t sevenDigitDisplayMatrix[] = {0b01111110, // Number 0
72 0b00110000, // Number 1
73 0b01101101, // Number 2
74 0b01111001, // Number 3
75 0b00110011, // Number 4
76 0b01011011, // Number 5
77 0b01011111, // Number 6
78 0b01110000, // Number 7
79 0b01111111, // Number 8
80 0b01110011}; // Number 9
81
82 //Letters
83 #define SEVEN_DIGIT_DISPLAY_C_LETTER_CL (uint8_t)0b01001110 // C
84 #define SEVEN_DIGIT_DISPLAY_H_LETTER_LC (uint8_t)0b00010111 // h
85
86 //Symbols
87 #define SEVEN_DIGIT_DISPLAY_DEGREE (uint8_t)0b01100011
88 #define SEVEN_DIGIT_DISPLAY_MINUS (uint8_t)0b00000001
89
90 #endif /* LIBRARIES_SEVENDIGITMACROS_H_ */

```

## 4.31 Libraries/RS232/Rs232.c File Reference

```
#include "Rs232.h"
```

### Functions

- void [initRs232](#) (void)  
*Initialize all related registers to use the serial protocol UART.*
- void [displayIntValue](#) (const int tempValue, const int state)  
*Sends the external temperature value trough the serial protocol.*
- void [sendTemperatureValueUart](#) (const float tempValue)  
*Sends the external temperature value trough the serial protocol.*

### 4.31.1 Function Documentation

#### 4.31.1.1 displayIntValue()

```
void displayIntValue (
    const int tempValue,
    const int state )
```

Sends the external temperature value trough the serial protocol.

##### Parameters

in	<i>tempValue</i>	Value to be displayed
----	------------------	-----------------------

##### example

```
void displayIntValue();
```

##### Note

N/A

#### 4.31.1.2 initRs232()

```
void initRs232 (
    void )
```

Initialize all related registers to use the serial protocol UART.

##### example

```
void initRs232();
```

##### Note

N/A

#### 4.31.1.3 sendTemperatureValueUart()

```
void sendTemperatureValueUart (
    const float tempValue )
```

Sends the external temperature value trough the serial protocol.

##### Parameters

in	<i>tempValue</i>	Value to be send
----	------------------	------------------

**example**

```
void sendTemperatureValueUart();
```

**Note**

N/A

## 4.32 Libraries/RS232/Rs232.h File Reference

```
#include <stdint.h>
#include <stdbool.h>
#include "inc/hw_memmap.h"
#include "inc/hw_types.h"
#include "driverlib/gpio.h"
#include "driverlib/pin_map.h"
#include "driverlib/sysctl.h"
#include "driverlib/uart.h"
```

### Macros

- #define [SYSCLOCK\\_SPEED](#) (uint32\_t) 120000000
- #define [UART\\_SPEED](#) 115200
- #define [TEMPERATURE\\_START\\_LABEL](#) "No. "
- #define [TEMPERATURE\\_MID\\_LABEL](#) "Temperatura"
- #define [TEMPERATURE\\_UNIT\\_CHAR](#) "C"
- #define [ZERO\\_CHAR\\_VALUE](#) (uint8\_t)48
- #define [SINGLE\\_POINT\\_CHAR](#) ':'
- #define [MINUS\\_CHAR](#) '-'
- #define [SPACE\\_CHAR](#) ' '
- #define [TWO\\_POINTS\\_CHAR](#) ':'
- #define [CAR\\_RETURN\\_CHAR](#) 13
- #define [LINE\\_JUMP\\_CHAR](#) 10
- #define [NUMBER\\_MAX\\_STRING\\_LENGTH](#) (uint8\_t)10
- #define [DECIMAL\\_POINT\\_POSITION](#) 1
- #define [MINIMUM\\_LENGTH\\_POSITION](#) 1
- #define [INT\\_STATE](#) 0
- #define [FLOAT\\_STATE](#) 1
- #define [FLOATING\\_POINT\\_MULTIPLIER](#) 10
- #define [FLOATING\\_POINT\\_MINIMUM\\_LENGTH](#) 3

### Functions

- void [initRs232](#) (void)  
*Initialize all related registers to use the serial protocol UART.*
- void [sendTemperatureValueUart](#) (const float tempValue)  
*Sends the external temperature value trough the serial protocol.*
- void [displayIntValue](#) (const int tempValue, const int state)  
*Sends the external temperature value trough the serial protocol.*

#### 4.32.1 Macro Definition Documentation

##### 4.32.1.1 CAR\_RETURN\_CHAR

```
#define CAR_RETURN_CHAR 13
```



#### 4.32.1.2 DECIMAL\_POINT\_POSITION

```
#define DECIMAL_POINT_POSITION 1
```

#### 4.32.1.3 FLOAT\_STATE

```
#define FLOAT_STATE 1
```

#### 4.32.1.4 FLOATING\_POINT\_MINIMUM\_LENGTH

```
#define FLOATING_POINT_MINIMUM_LENGTH 3
```

#### 4.32.1.5 FLOATING\_POINT\_MULTIPLIER

```
#define FLOATING_POINT_MULTIPLIER 10
```

#### 4.32.1.6 INT\_STATE

```
#define INT_STATE 0
```

#### 4.32.1.7 LINE\_JUMP\_CHAR

```
#define LINE_JUMP_CHAR 10
```

#### 4.32.1.8 MINIMUM\_LENGTH\_POSITION

```
#define MINIMUM_LENGTH_POSITION 1
```

#### 4.32.1.9 MINUS\_CHAR

```
#define MINUS_CHAR '-'
```

#### 4.32.1.10 NUMBER\_MAX\_STRING\_LENGTH

```
#define NUMBER_MAX_STRING_LENGTH (uint8_t)10
```

#### 4.32.1.11 SINGLE\_POINT\_CHAR

```
#define SINGLE_POINT_CHAR '.'
```

#### 4.32.1.12 SPACE\_CHAR

```
#define SPACE_CHAR ' '
```

#### 4.32.1.13 SYSCLOCK\_SPEED

```
#define SYSCLOCK_SPEED (uint32_t) 120000000
```

**4.32.1.14 TEMPERATURE\_MID\_LABEL**

```
#define TEMPERATURE_MID_LABEL "Temperatura"
```

**4.32.1.15 TEMPERATURE\_START\_LABEL**

```
#define TEMPERATURE_START_LABEL "No.  "
```

**4.32.1.16 TEMPERATURE\_UNIT\_CHAR**

```
#define TEMPERATURE_UNIT_CHAR "C"
```

**4.32.1.17 TWO\_POINTS\_CHAR**

```
#define TWO_POINTS_CHAR ':'
```

**4.32.1.18 UART\_SPEED**

```
#define UART_SPEED 115200
```

**4.32.1.19 ZERO\_CHAR\_VALUE**

```
#define ZERO_CHAR_VALUE (uint8_t)48
```

**4.32.2 Function Documentation****4.32.2.1 displayIntValue()**

```
void displayIntValue (
    const int tempValue,
    const int state )
```

Sends the external temperature value trough the serial protocol.

**Parameters**

in	<i>tempValue</i>	Value to be displayed
----	------------------	-----------------------

**example**

```
void displayIntValue();
```

**Note**

N/A

**4.32.2.2 initRs232()**

```
void initRs232 (
    void )
```

Initialize all related registers to use the serial protocol UART.

**example**

```
void initRs232();
```

**Note**

N/A

**4.32.2.3 sendTemperatureValueUart()**

```
void sendTemperatureValueUart (
    const float tempValue )
```

Sends the external temperature value trough the serial protocol.

**Parameters**

in	<i>tempValue</i>	Value to be send
----	------------------	------------------

**example**

```
void sendTemperatureValueUart();
```

**Note**

N/A

**4.33 Rs232.h**

[Go to the documentation of this file.](#)

```
1 /* Project Documentation
2 @Company
3 Universidad Tecnologica de Queretaro - Visteon
4
5 @Project Name
6 ProyetoFinalDisplayV4
7
8 @File Name
9 Rs232.h
10
11 @Author
12 Romero, Rodrigo
13 Olvera, Diego
14 Perches, Gibran
15
16 @Summary
17 This is the a header file for C language. The purpose is to
18 initialize all UART libraries and functions.
19
20 @Date
21 07/10/2022
22
23 @Version
24 V4.0
25
26 @Description
27 Using the serial pttocol UART, the micro is going to send the information
28 obtained from the temperature sensor. The speed is going to be 115 200 bits/s
29
30
31 Generation Information :
32 Product Revision : TM4C129EXL - 1.168.0
33 Device : TM4C129ENCPDT
34 The generated drivers are tested against the following:
35 Languaje : C ANSI C 89 Mode
36 Compiler : TIv16.9.6LTS
37 CCS : CCS v7.4.0.00015
38 */
39
40 /*
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```

```

52 */
53
54 #ifndef LIBRARIES_RS232_RS232_H_
55 #define LIBRARIES_RS232_RS232_H_
56
57 /* *****
58 *                               Included files
59 * *****
60 */
61 #include <stdint.h>
62 #include <stdbool.h>
63 #include "inc/hw_memmap.h"
64 #include "inc/hw_types.h"
65 #include "driverlib/gpio.h"
66 #include "driverlib/pin_map.h"
67 #include "driverlib/sysctl.h"
68 #include "driverlib/uart.h"
69
70 /* *****
71 *                               Macros
72 * *****
73 */
74
75 #undef SYSCLOCK_SPEED
76 #define SYSCLOCK_SPEED (uint32_t) 120000000
77
78 #define UART_SPEED 115200
79
80 #define TEMPERATURE_START_LABEL "No. "
81 #define TEMPERATURE_MID_LABEL "Temperatura"
82 #define TEMPERATURE_UNIT_CHAR "C"
83 #define ZERO_CHAR_VALUE (uint8_t)48
84 #define SINGLE_POINT_CHAR '.'
85 #define MINUS_CHAR '-'
86 #define SPACE_CHAR ' '
87 #define TWO_POINTS_CHAR ':'
88 #define CAR_RETURN_CHAR '\n'
89 #define LINE_JUMP_CHAR '\r'
90
91 #define NUMBER_MAX_STRING_LENGTH (uint8_t)10
92
93 #define DECIMAL_POINT_POSITION 1
94 #define MINIMUM_LENGTH_POSITION 1
95 #define INT_STATE 0
96 #define FLOAT_STATE 1
97
98 #define FLOATING_POINT_MULTIPLIER 10
99 #define FLOATING_POINT_MINIMUM_LENGTH 3
100
101 /* *****
102 *                               Function prototypes
103 * *****
104 */
105
106 void initRs232(void);
107
108 void sendTemperatureValueUart(const float tempValue);
109
110 void displayIntValue(const int tempValue, const int state);
111
112 #endif /* LIBRARIES_RS232_RS232_H_ */

```

## 4.34 Libraries/Sensor/Sensor.c File Reference

```
#include "Sensor.h"
```

### Functions

- void `initSensor` (void)  
*Initialize all related registers to use in the Sensor.*
- void `initADC0` (void)  
*Initialize all related registers to use in the ADC0.*
- double `compensateTemperature` (uint32\_t `sensor_Temperature`, uint16\_t `sensor_Digit_T1`, int16\_t `sensor_Digit_T2`, int16\_t `sensor_Dig_T3`)

*This function compensated the temperature captured by the I2C protocol based on a formula provided by the manufacturer.*

- void `temperatureSensor` ()

*Function of the Sensor BM280 with all the states to get the Temperature.*

## 4.34.1 Function Documentation

### 4.34.1.1 compensateTemperature()

```
double compensateTemperature (
    uint32_t sensor_Temperature,
    uint16_t sensor_Digit_T1,
    int16_t sensor_Digit_T2,
    int16_t sensor_Digit_T3 )
```

This function compensated the temperature captured by the I2C protocol based on a formula provided by the manufacturer.

#### Parameters

in	<code>sensor_Temperature</code>	Temperature value obtained in ADC
in	<code>sensor_Digit_T1</code>	Compensation value 1 generated from calibration
in	<code>sensor_Digit_T2</code>	Compensation value 2 generated from calibration
in	<code>sensor_Digit_T3</code>	Compensation value 3 generated from calibration

#### example

```
double compensateTemperature = CompensateTemperature(sensor_Temperature, sensor_Digit_T1, sensor_Digit_T2,
    sensor_Digit_T3);
```

#### Note

N/A

### 4.34.1.2 initADC0()

```
void initADC0 (
    void )
```

Initialize all related registers to use in the ADC0.

#### example

```
void initSensor();
```

#### Note

N/A

### 4.34.1.3 initSensor()

```
void initSensor (
    void )
```

Initialize all related registers to use in the Sensor.

#### example

```
void initSensor();
```

#### Note

N/A

#### 4.34.1.4 temperatureSensor()

```
void temperatureSensor (
    void )
```

Function of the Sensor BM280 with all the states to get the Temperature.

##### example

```
void temperatureSensor();
```

##### Note

N/A

## 4.35 Libraries/Sensor/Sensor.h File Reference

```
#include <stdint.h>
#include <stdbool.h>
#include "inc/hw_memmap.h"
#include "inc/hw_types.h"
#include "inc/hw_ints.h"
#include "inc/hw_i2c.h"
#include "driverlib/sysctl.h"
#include "driverlib/gpio.h"
#include "driverlib/i2c.h"
#include "driverlib/adc.h"
#include "driverlib/interrupt.h"
#include "driverlib/pin_map.h"
```

## Macros

- #define [SYSCLOCK\\_SPEED](#) (uint32\_t) 120000000
- #define [SLAVE\\_ADDRESS\\_EXT](#) 0x76
- #define [REGISTER\\_ID](#) 0xD0
- #define [REGISTER\\_RESET](#) 0xE0
- #define [REGISTER\\_STATUS](#) 0xF3
- #define [REGISTER\\_MEASCTRL](#) 0xF4
- #define [REGISTER\\_CONFIG](#) 0xF5
- #define [ADDRESS\\_READING\\_START](#) 0xF7
- #define [ADDRESS\\_READ\\_TEMP\\_MSB](#) 0xFA
- #define [ADDRESS\\_READ\\_TEMP\\_LSB](#) 0xFB
- #define [ADDRESS\\_READ\\_TEMP\\_XLSB](#) 0xFC
- #define [MODE\\_SLEEP](#) 0x0
- #define [MODE\\_FORCED](#) 0x1
- #define [MODE\\_NORMAL](#) 0x3
- #define [T\\_SB\\_5MS](#) 0x00
- #define [T\\_SB\\_62\\_5MS](#) 0x20
- #define [T\\_SB\\_125MS](#) 0x40
- #define [T\\_SB\\_250MS](#) 0x60
- #define [T\\_SB\\_500MS](#) 0x80
- #define [T\\_SB\\_1000MS](#) 0xA0
- #define [T\\_SB\\_2000MS](#) 0xD0
- #define [T\\_SB\\_4000MS](#) 0xE0
- #define [P\\_OS\\_OFF](#) 0x00
- #define [P\\_OS\\_1](#) 0x04
- #define [P\\_OS\\_2](#) 0x08
- #define [P\\_OS\\_4](#) 0x0C
- #define [P\\_OS\\_8](#) 0x10

- #define `P_OS_16` 0x14
- #define `T_OS_OFF` 0x00
- #define `T_OS_1` 0x20
- #define `T_OS_2` 0x40
- #define `T_OS_4` 0x60
- #define `T_OS_8` 0x80
- #define `T_OS_16` 0xA0
- #define `IIR_OFF` 0x00
- #define `IIR_2` 0x04
- #define `IIR_4` 0x08
- #define `IIR_8` 0x0C
- #define `IIR_16` 0x10
- #define `PARAM_DIG_T1_MSB` 0x89
- #define `PARAM_DIG_T1_LSB` 0x88
- #define `PARAM_DIG_T2_MSB` 0x8B
- #define `PARAM_DIG_T2_LSB` 0x8A
- #define `PARAM_DIG_T3_MSB` 0x8D
- #define `PARAM_DIG_T3_LSB` 0x8C
- #define `SLAVE_ADDRESS_EXT` 0x76
- #define `TEMPERATURE_SAMPLES` 10
- #define `ZERO` 0
- #define `ZERO_FLOAT` 0.0
- #define `DELTA_TEMPERATURE_UPPER_LIMIT` 15
- #define `DELTA_TEMPERATURE_LOWER_LIMIT` 3
- #define `MAXIMUM_STABILIZING_SAMPLES` 10
- #define `LOST_CONNECTION_LIMIT` 10

## Enumerations

- enum `BM280State` {  
`state_Read_Calibration`, `state_Write_Calibration`, `state_Sensor_Configuration_Finished`, `state_Adc_Status_Configuration`,  
`state_Adc_Status`, `state_Adc_Wait_For_Measure_Finish`, `state_Adc_Start_Reading`, `state_Adc_Reading_In_Progress`,  
`state_Error` }
- enum `DetaTemperatureStatus` { `data_Temp_Normal` , `data_Temp_Stabilizing` , `data_Temp_Abnormal` ,  
`data_Temp_LostConnection` }

## Functions

- void `initSensor` (void)  
Initialize all related registers to use in the Sensor.
- void `initADC0` (void)  
Initialize all related registers to use in the ADC0.
- void `temperatureSensor` (void)  
Function of the Sensor BM280 with all the states to get the Temperature.
- double `compensateTemperature` (uint32\_t `sensor_Temperature`, uint16\_t `sensor_Digit_T1`, int16\_t `sensor_Digit_T2`, int16\_t `sensor_Digit_T3`)  
This function compensated the temperature captured by the I2C protocol based on a formula provided by the manufacturer.

## Variables

- bool [sensor\\_First\\_Read\\_Flag](#)
- uint8\_t [sensor\\_Temperature\\_Units](#)
- uint8\_t [sensor\\_Temperature\\_Tens](#)
- uint8\_t [sensor\\_Temperature\\_Decimals](#)
- uint8\_t [sensor\\_Ctrl\\_Meas](#)
- uint8\_t [sensor\\_Parameter\\_Address](#)
- uint8\_t [sensor\\_Parameter\\_Count](#)
- uint8\_t [sensor\\_Data\\_Counter](#)
- uint8\_t [sensor\\_Current\\_Sample](#)
- int8\_t [sensor\\_Avg\\_Temperature\\_Integer](#)
- int8\_t [sensor\\_Avg\\_Temperature\\_Fraction](#)
- int8\_t [sensor\\_Current\\_Temperature\\_Integer](#)
- int8\_t [sensor\\_Current\\_Temperature\\_Fraction](#)
- uint16\_t [sensor\\_Digit\\_T1](#)
- int16\_t [sensor\\_Digit\\_T2](#)
- int16\_t [sensor\\_Digit\\_T3](#)
- uint16\_t [sensor\\_Unused\\_Param](#)
- uint32\_t [sensor\\_ADC\\_Temperature](#)
- double [sensor\\_Temperature](#)
- double [sensor\\_Temperature\\_Average](#)
- uint8\_t [sensor\\_Dig\\_Temperature](#) [6]
- volatile uint16\_t [sensor\\_ADC\\_Data\\_Temperature](#) [2]
- float [sensor\\_Temperature\\_Array\\_ADC](#) [TEMPERATURE\_SAMPLES]
- double [sensor\\_Temperature\\_Array](#) [TEMPERATURE\_SAMPLES]
- double [sensor\\_Temperature\\_Compensation](#)
- [BM280State](#) [sensor\\_State](#)
- [DeltaTemperatureStatus](#) [sensor\\_Delta\\_Temperature](#)

## 4.35.1 Macro Definition Documentation

### 4.35.1.1 ADDRESS\_READ\_TEMP\_LSB

```
#define ADDRESS_READ_TEMP_LSB 0xFB
```

### 4.35.1.2 ADDRESS\_READ\_TEMP\_MSB

```
#define ADDRESS_READ_TEMP_MSB 0xFA
```

### 4.35.1.3 ADDRESS\_READ\_TEMP\_XLSB

```
#define ADDRESS_READ_TEMP_XLSB 0xFC
```

### 4.35.1.4 ADDRESS\_READING\_START

```
#define ADDRESS_READING_START 0xF7
```

### 4.35.1.5 DELTA\_TEMPERATURE\_LOWER\_LIMIT

```
#define DELTA_TEMPERATURE_LOWER_LIMIT 3
```



**4.35.1.6 DELTA\_TEMPERATURE\_UPPER\_LIMIT**

```
#define DELTA_TEMPERATURE_UPPER_LIMIT 15
```

**4.35.1.7 IIR\_16**

```
#define IIR_16 0x10
```

**4.35.1.8 IIR\_2**

```
#define IIR_2 0x04
```

**4.35.1.9 IIR\_4**

```
#define IIR_4 0x08
```

**4.35.1.10 IIR\_8**

```
#define IIR_8 0x0C
```

**4.35.1.11 IIR\_OFF**

```
#define IIR_OFF 0x00
```

**4.35.1.12 LOST\_CONNECTION\_LIMIT**

```
#define LOST_CONNECTION_LIMIT 10
```

**4.35.1.13 MAXIMUM\_STABILIZING\_SAMPLES**

```
#define MAXIMUM_STABILIZING_SAMPLES 10
```

**4.35.1.14 MODE\_FORCED**

```
#define MODE_FORCED 0x1
```

**4.35.1.15 MODE\_NORMAL**

```
#define MODE_NORMAL 0x3
```

**4.35.1.16 MODE\_SLEEP**

```
#define MODE_SLEEP 0x0
```

**4.35.1.17 P\_OS\_1**

```
#define P_OS_1 0x04
```

**4.35.1.18 P\_OS\_16**

```
#define P_OS_16 0x14
```

**4.35.1.19 P\_OS\_2**

```
#define P_OS_2 0x08
```

**4.35.1.20 P\_OS\_4**

```
#define P_OS_4 0x0C
```

**4.35.1.21 P\_OS\_8**

```
#define P_OS_8 0x10
```

**4.35.1.22 P\_OS\_OFF**

```
#define P_OS_OFF 0x00
```

**4.35.1.23 PARAM\_DIG\_T1\_LSB**

```
#define PARAM_DIG_T1_LSB 0x88
```

**4.35.1.24 PARAM\_DIG\_T1\_MSB**

```
#define PARAM_DIG_T1_MSB 0x89
```

**4.35.1.25 PARAM\_DIG\_T2\_LSB**

```
#define PARAM_DIG_T2_LSB 0x8A
```

**4.35.1.26 PARAM\_DIG\_T2\_MSB**

```
#define PARAM_DIG_T2_MSB 0x8B
```

**4.35.1.27 PARAM\_DIG\_T3\_LSB**

```
#define PARAM_DIG_T3_LSB 0x8C
```

**4.35.1.28 PARAM\_DIG\_T3\_MSB**

```
#define PARAM_DIG_T3_MSB 0x8D
```

**4.35.1.29 REGISTER\_CONFIG**

```
#define REGISTER_CONFIG 0xF5
```

**4.35.1.30 REGISTER\_ID**

```
#define REGISTER_ID 0xD0
```

**4.35.1.31 REGISTER\_MEASCTRL**

```
#define REGISTER_MEASCTRL 0xF4
```

**4.35.1.32 REGISTER\_RESET**

```
#define REGISTER_RESET 0xE0
```

**4.35.1.33 REGISTER\_STATUS**

```
#define REGISTER_STATUS 0xF3
```

**4.35.1.34 SLAVE\_ADDRESS\_EXT [1/2]**

```
#define SLAVE_ADDRESS_EXT 0x76
```

**4.35.1.35 SLAVE\_ADDRESS\_EXT [2/2]**

```
#define SLAVE_ADDRESS_EXT 0x76
```

**4.35.1.36 SYSCLOCK\_SPEED**

```
#define SYSCLOCK_SPEED (uint32_t) 120000000
```

**4.35.1.37 T\_OS\_1**

```
#define T_OS_1 0x20
```

**4.35.1.38 T\_OS\_16**

```
#define T_OS_16 0xA0
```

**4.35.1.39 T\_OS\_2**

```
#define T_OS_2 0x40
```

**4.35.1.40 T\_OS\_4**

```
#define T_OS_4 0x60
```

**4.35.1.41 T\_OS\_8**

```
#define T_OS_8 0x80
```

**4.35.1.42 T\_OS\_OFF**

```
#define T_OS_OFF 0x00
```

**4.35.1.43 T\_SB\_1000MS**

```
#define T_SB_1000MS 0xA0
```

**4.35.1.44 T\_SB\_125MS**

```
#define T_SB_125MS 0x40
```

**4.35.1.45 T\_SB\_2000MS**

```
#define T_SB_2000MS 0xD0
```

**4.35.1.46 T\_SB\_250MS**

```
#define T_SB_250MS 0x60
```

**4.35.1.47 T\_SB\_4000MS**

```
#define T_SB_4000MS 0xE0
```

**4.35.1.48 T\_SB\_500MS**

```
#define T_SB_500MS 0x80
```

**4.35.1.49 T\_SB\_62\_5MS**

```
#define T_SB_62_5MS 0x20
```

**4.35.1.50 T\_SB\_\_5MS**

```
#define T_SB__5MS 0x00
```

**4.35.1.51 TEMPERATURE\_SAMPLES**

```
#define TEMPERATURE_SAMPLES 10
```

**4.35.1.52 ZERO**

```
#define ZERO 0
```

**4.35.1.53 ZERO\_FLOAT**

```
#define ZERO_FLOAT 0.0
```

## 4.35.2 Enumeration Type Documentation

### 4.35.2.1 BM280State

enum `BM280State`

Enumerator

<code>state_Read_Calibration</code>	
<code>state_Write_Calibration</code>	
<code>state_Sensor_Configuration_Finished</code>	
<code>state_Adc_Status_Configuration</code>	
<code>state_Adc_Status</code>	
<code>state_Adc_Wait_For_Measure_Finish</code>	
<code>state_Adc_Start_Reading</code>	
<code>state_Adc_Reading_In_Progress</code>	
<code>state_Error</code>	

### 4.35.2.2 DetaTemperatureStatus

enum `DetaTemperatureStatus`

Enumerator

<code>data_Temp_Normal</code>	
<code>data_Temp_Stabilizing</code>	
<code>data_Temp_Abnormal</code>	
<code>data_Temp_LostConnection</code>	

## 4.35.3 Function Documentation

### 4.35.3.1 compensateTemperature()

```
double compensateTemperature (
    uint32_t sensor_Temperature,
    uint16_t sensor_Digit_T1,
    int16_t sensor_Digit_T2,
    int16_t sensor_Digit_T3 )
```

This function compensated the temperature captured by the I2C protocol based on a formula provided by the manufacturer.

Parameters

in	<code>sensor_Temperature</code>	Temperature value obtained in ADC
in	<code>sensor_Digit_T1</code>	Compensation value 1 generated from calibration
in	<code>sensor_Digit_T2</code>	Compensation value 2 generated from calibration
in	<code>sensor_Digit_T3</code>	Compensation value 3 generated from calibration

**example**

```
double compensateTemperature = CompensateTemperature(sensor_Temperature, sensor_Digit_T1, sensor_Digit_T2,
    sensor_Digit_T3);
```

Note

N/A

#### 4.35.3.2 initADC0()

```
void initADC0 (
    void )
```

Initialize all related registers to use in the ADC0.

**example**

```
void initSensor();
```

Note

N/A

#### 4.35.3.3 initSensor()

```
void initSensor (
    void )
```

Initialize all related registers to use in the Sensor.

**example**

```
void initSensor();
```

Note

N/A

#### 4.35.3.4 temperatureSensor()

```
void temperatureSensor (
    void )
```

Function of the Sensor BM280 with all the states to get the Temperature.

**example**

```
void temperatureSensor();
```

Note

N/A

### 4.35.4 Variable Documentation

#### 4.35.4.1 sensor\_ADC\_Data\_Temperature

```
volatile uint16_t sensor_ADC_Data_Temperature[2] [extern]
```

#### 4.35.4.2 sensor\_ADC\_Temperature

```
uint32_t sensor_ADC_Temperature [extern]
```

#### 4.35.4.3 sensor\_Avg\_Temperature\_Fraction

```
int8_t sensor_Avg_Temperature_Fraction [extern]
```

**4.35.4.4 sensor\_Avg\_Temperature\_Integer**

```
int8_t sensor_Avg_Temperature_Integer [extern]
```

**4.35.4.5 sensor\_Ctrl\_Meas**

```
uint8_t sensor_Ctrl_Meas [extern]
```

**4.35.4.6 sensor\_Current\_Sample**

```
uint8_t sensor_Current_Sample [extern]
```

**4.35.4.7 sensor\_Current\_Temperature\_Fraction**

```
int8_t sensor_Current_Temperature_Fraction [extern]
```

**4.35.4.8 sensor\_Current\_Temperature\_Integer**

```
int8_t sensor_Current_Temperature_Integer [extern]
```

**4.35.4.9 sensor\_Data\_Counter**

```
uint8_t sensor_Data_Counter [extern]
```

**4.35.4.10 sensor\_Delta\_Temperature**

```
DeltaTemperatureStatus sensor_Delta_Temperature [extern]
```

**4.35.4.11 sensor\_Dig\_Temperature**

```
uint8_t sensor_Dig_Temperature[6] [extern]
```

**4.35.4.12 sensor\_Digit\_T1**

```
uint16_t sensor_Digit_T1 [extern]
```

**4.35.4.13 sensor\_Digit\_T2**

```
int16_t sensor_Digit_T2 [extern]
```

**4.35.4.14 sensor\_Digit\_T3**

```
int16_t sensor_Digit_T3 [extern]
```

**4.35.4.15 sensor\_First\_Read\_Flag**

```
bool sensor_First_Read_Flag [extern]
```

#### 4.35.4.16 sensor\_Parameter\_Address

```
uint8_t sensor_Parameter_Address [extern]
```

#### 4.35.4.17 sensor\_Parameter\_Count

```
uint8_t sensor_Parameter_Count [extern]
```

#### 4.35.4.18 sensor\_State

```
BM280State sensor_State [extern]
```

#### 4.35.4.19 sensor\_Temperature

```
double sensor_Temperature [extern]
```

#### 4.35.4.20 sensor\_Temperature\_Array

```
double sensor_Temperature_Array[TEMPERATURE_SAMPLES] [extern]
```

#### 4.35.4.21 sensor\_Temperature\_Array\_ADC

```
float sensor_Temperature_Array_ADC[TEMPERATURE_SAMPLES] [extern]
```

#### 4.35.4.22 sensor\_Temperature\_Average

```
double sensor_Temperature_Average [extern]
```

#### 4.35.4.23 sensor\_Temperature\_Compensation

```
double sensor_Temperature_Compensation [extern]
```

#### 4.35.4.24 sensor\_Temperature\_Decimals

```
uint8_t sensor_Temperature_Decimals [extern]
```

#### 4.35.4.25 sensor\_Temperature\_Tens

```
uint8_t sensor_Temperature_Tens [extern]
```

#### 4.35.4.26 sensor\_Temperature\_Units

```
uint8_t sensor_Temperature_Units [extern]
```

#### 4.35.4.27 sensor\_Unused\_Param

```
uint16_t sensor_Unused_Param [extern]
```



## 4.36 Sensor.h

[Go to the documentation of this file.](#)

```

1  /* Project Documentation
2  @Company
3  Universidad Tecnologica de Queretaro - Visteon
4
5  @Project Name
6  ProyetoFinalDisplayV4
7
8  @File Name
9  Sensor.h
10
11 @Author
12 Romero, Rodrigo
13 Olvera, Diego
14 Perches, Gibran
15
16 @Summary
17 This is the a header file for C language. The purpose is to
18 initialize all Sensor libraries and functions to utilize for temperature sensor.
19
20 @Date
21 07/10/2022
22
23 @Version
24 V4.0
25
26 @Description
27 Using the I2C libraries it will obtain the temperature value of the sensor
28
29
30 Generation Information :
31 Product Revision : TM4C129EXL - 1.168.0
32 Device : TM4C129ENC PDT
33 The generated drivers are tested against the following:
34 Language : C ANSI C 89 Mode
35 Compiler : Tivl6.9.6LTS
36 CCS : CCS v7.4.0.00015
37 */
38
39 /*
40 (c) 2022 Romero Rodrigo, OlveraDiego, Perches Gibran. You may use this
41 software and any derivatives exclusively with Texas Instruments products.
42
43 THIS SOFTWARE IS SUPPLIED BY Romero Rodrigo, Olvera Diego, Perches Gibran "AS IS".
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47 WITH ANY OTHER PRODUCTS, OR USE IN ANY APPLICATION.
48
49 Romero Rodrigo, Olvera Diego, Perches Gibran PROVIDES THIS SOFTWARE CONDITIONALLY UPON
50 YOUR ACCEPTANCE OF THESE TERMS.
51 */
52
53 #ifndef LIBRARIES_SENSOR_SENSOR_H_
54 #define LIBRARIES_SENSOR_SENSOR_H_
55
56 /* *****
57 * Included files
58 * *****
59 */
60 #include <stdint.h>
61 #include <stdbool.h>
62 #include "inc/hw_memmap.h"
63 #include "inc/hw_types.h"
64 #include "inc/hw_ints.h"
65 #include "inc/hw_i2c.h"
66 #include "driverlib/sysctl.h"
67 #include "driverlib/gpio.h"
68 #include "driverlib/i2c.h"
69 #include "driverlib/adc.h"
70 #include "driverlib/interrupt.h"
71 #include "driverlib/pin_map.h"
72
73 /* *****
74 * Macros
75 * *****
76 */
77
78 // Define the processor speed
79 #undef SYSCLOCK_SPEED
80 #define SYSCLOCK_SPEED (uint32_t) 120000000
81
82 #define SLAVE_ADDRESS_EXT 0x76
83

```

```

84 #define REGISTER_ID 0xD0
85 #define REGISTER_RESET 0xE0
86 #define REGISTER_STATUS 0xF3
87 #define REGISTER_MEASCTRL 0xF4
88 #define REGISTER_CONFIG 0xF5
89 #define ADDRESS_READING_START 0xF7
90 #define ADDRESS_READ_TEMP_MSB 0xFA
91 #define ADDRESS_READ_TEMP_LSB 0xFB
92 #define ADDRESS_READ_TEMP_XLSB 0xFC
93
94 //Operation Modes
95 #define MODE_SLEEP 0x0
96 #define MODE_FORCED 0x1
97 #define MODE_NORMAL 0x3
98
99 //Standby Time Temperature
100 #define T_SB_5MS 0x00
101 #define T_SB_62_5MS 0x20
102 #define T_SB_125MS 0x40
103 #define T_SB_250MS 0x60
104 #define T_SB_500MS 0x80
105 #define T_SB_1000MS 0xA0
106 #define T_SB_2000MS 0xD0
107 #define T_SB_4000MS 0xE0
108
109 //Pressure Oversampling
110 #define P_OS_OFF 0x00
111 #define P_OS_1 0x04
112 #define P_OS_2 0x08
113 #define P_OS_4 0x0C
114 #define P_OS_8 0x10
115 #define P_OS_16 0x14
116
117 //Temperature Oversampling
118 #define T_OS_OFF 0x00
119 #define T_OS_1 0x20
120 #define T_OS_2 0x40
121 #define T_OS_4 0x60
122 #define T_OS_8 0x80
123 #define T_OS_16 0xA0
124
125 //IIR Filter
126 #define IIR_OFF 0x00
127 #define IIR_2 0x04
128 #define IIR_4 0x08
129 #define IIR_8 0x0C
130 #define IIR_16 0x10
131
132 //Compensation Parameters
133 #define PARAM_DIG_T1_MSB 0x89
134 #define PARAM_DIG_T1_LSB 0x88
135 #define PARAM_DIG_T2_MSB 0x8B
136 #define PARAM_DIG_T2_LSB 0x8A
137 #define PARAM_DIG_T3_MSB 0x8D
138 #define PARAM_DIG_T3_LSB 0x8C
139
140 #define SLAVE_ADDRESS_EXT 0x76
141 #define TEMPERATURE_SAMPLES 10
142 #define ZERO 0
143 #define ZERO_FLOAT 0.0
144 #define DELTA_TEMPERATURE_UPPER_LIMIT 15
145 #define DELTA_TEMPERATURE_LOWER_LIMIT 3
146 #define MAXIMUM_STABILIZING_SAMPLES 10
147 #define LOST_CONNECTION_LIMIT 10
148
149
150 /* *****
151 *                               Function variables
152 * *****
153 */
154
155 typedef enum
156 {
157     state_Read_Calibration ,
158     state_Write_Calibration ,
159     state_Sensor_Configuration_Finished ,
160     state_Adc_Status_Configuration ,
161     state_Adc_Status ,
162     state_Adc_Wait_For_Measure_Finish ,
163     state_Adc_Start_Reading ,
164     state_Adc_Reading_In_Progress ,
165     state_Error
166 }BM280State;
167
168 typedef enum
169 {
170     data_Temp_Normal ,

```

```

171     data_Temp_Stabilizing ,
172     data_Temp_Abnormal    ,
173     data_Temp_LostConnection
174 }DetaTemperatureStatus;
175
176 extern bool      sensor_First_Read_Flag;
177 extern uint8_t   sensor_Temperature_Units      ;
178 extern uint8_t   sensor_Temperature_Tens       ;
179 extern uint8_t   sensor_Temperature_Decimals   ;
180 extern uint8_t   sensor_Ctrl_Meas              ;
181 extern uint8_t   sensor_Parameter_Address      ;
182 extern uint8_t   sensor_Parameter_Count        ;
183 extern uint8_t   sensor_Data_Counter           ;
184 extern uint8_t   sensor_Current_Sample         ;
185 extern int8_t    sensor_Avg_Temperature_Integer ;
186 extern int8_t    sensor_Avg_Temperature_Fraction ;
187 extern int8_t    sensor_Current_Temperature_Integer ;
188 extern int8_t    sensor_Current_Temperature_Fraction ;
189 extern uint16_t  sensor_Digit_T1               ;
190 extern int16_t   sensor_Digit_T2               ;
191 extern int16_t   sensor_Digit_T3               ;
192 extern uint16_t  sensor_Unused_Param           ;
193 extern uint32_t  sensor_ADC_Temperature        ;
194 extern double    sensor_Temperature            ;
195 extern double    sensor_Temperature_Average    ;
196
197 extern uint8_t    sensor_Dig_Temperature[6]      ;
198 extern volatile uint16_t sensor_ADC_Data_Temperature[2] ;
199 extern float      sensor_Temperature_Array_ADC[TEMPERATURE_SAMPLES] ;
200 extern double     sensor_Temperature_Array[TEMPERATURE_SAMPLES] ;
201 extern double     sensor_Temperature_Compensation ;
202 extern BM280State sensor_State                  ;
203 extern DetaTemperatureStatus sensor_Delta_Temperature ;
204
205 /* *****
206 *                               Function prototypes
207 * *****
208 */
209
226 void initSensor(void);
227
244 void initADC0(void);
245
262 void temperatureSensor(void);
263
286 double compensateTemperature(uint32_t sensor_Temperature, uint16_t sensor_Digit_T1, int16_t
    sensor_Digit_T2, int16_t sensor_Digit_T3);
287
288 #endif /* LIBRARIES_SENSOR_SENSOR_H_ */

```

## 4.37 PFinalMain.c File Reference

```

#include <xdc/std.h>
#include <xdc/runtime/System.h>
#include <xdc/runtime/Error.h>
#include <xdc/runtime/Log.h>
#include <xdc/cfg/global.h>
#include <ti/sysbios/BIOS.h>
#include <ti/sysbios/knl/Task.h>
#include <ti/sysbios/hal/Hwi.h>
#include <inc/hw_ints.h>
#include <ti/drivers/GPIO.h>
#include "Libraries/Display/Display.h"
#include "Libraries/Buttons/Buttons.h"
#include "Libraries/Rs232/Rs232.h"
#include "Libraries/Sensor/Sensor.h"
#include "Board.h"

```

## Macros

- #define TASKSTACKSIZE 512
- #define BLANK\_VALUE\_DISPLAY 99
- #define TASK\_DURATION\_MILLISECONDS 10

- #define `COUNT_TO_SECOND` 1000/TASK\_DURATION\_MILLISECONDS
- #define `HOURLY_FORMAT_24` 24
- #define `MINUTES_MAX_VALUE` 60
- #define `SECONDS_MAX_VALUE` 60

## Functions

- Void `stateMachine` (UArg arg0, UArg arg1)  
*Main task that contains the state machine.*
- Void `ADCFxn` (UArg arg0, UArg arg1)  
*Task to obtain the internal temperature of the micro.*
- Void `timer1AHwInt` (UArg arg)  
*Interrupt routine for the Timer1A.*
- Void `timer2AHwInt` (UArg arg)  
*Interrupt routine for the Timer2A.*
- Void `i2c2Hwi` (UArg arg)  
*Interrupt routine for the I2C2 module.*
- void `hwiCreation` (void)
- int `main` (void)

## Variables

- Task\_Struct `taskSMStruct`
- Task\_Struct `taskADCStruct`
- Char `taskSMStack` [TASKSTACKSIZE]
- Char `taskADCStack` [TASKSTACKSIZE]
- Hwi\_Handle `timer1AHwi`
- Hwi\_Handle `timer2AHwi`
- Hwi\_Handle `I2C2Hwi`
- uint8\_t `ui8Hour` = 23
- uint8\_t `ui8Minutes` = 59
- uint8\_t `ui8Seconds` = 59
- uint16\_t `u16MillisecondsCount` = 0
- bool `sensor_First_Read_Flag` = true
- uint8\_t `sensor_Temperature_Units` = ZERO
- uint8\_t `sensor_Temperature_Tens` = ZERO
- uint8\_t `sensor_Temperature_Decimal` = ZERO
- uint8\_t `sensor_Ctrl_Meas` = MODE\_FORCED | T\_OS\_1
- uint8\_t `sensor_Parameter_Address` = PARAM\_DIG\_T1\_LSB
- uint8\_t `sensor_Parameter_Count` = ZERO
- uint8\_t `sensor_Data_Counter` = ZERO
- uint32\_t `sensor_ADC_Temperature` = ZERO
- uint16\_t `sensor_Digit_T1` = ZERO
- int16\_t `sensor_Digit_T2` = ZERO
- int16\_t `sensor_Digit_T3` = ZERO
- uint16\_t `sensor_Unused_Param` = ZERO
- double `sensor_Temperature` = ZERO\_FLOAT
- double `sensor_Temperature_Average` = ZERO\_FLOAT
- int8\_t `sensor_Avg_Temperature_Integer` = ZERO
- int8\_t `sensor_Avg_Temperature_Fraction` = ZERO
- int8\_t `sensor_Current_Temperature_Integer` = ZERO
- int8\_t `sensor_Current_Temperature_Fraction` = ZERO
- uint8\_t `sensor_Current_Sample` = ZERO
- float `sensor_Temperature_Array_ADC` [TEMPERATURE\_SAMPLES] = { ZERO\_FLOAT }

- double `sensor_Temperature_Array` [TEMPERATURE\_SAMPLES] = { ZERO\_FLOAT }
- double `sensor_Temperature_Compensation` = 3
- volatile uint16\_t `sensor_ADC_Data_Temperature` [2] = { ZERO }
- uint8\_t `sensor_Dig_Temperature` [6] = { ZERO }
- BM280State `sensor_State` = state\_Read\_Calibration
- DeltaTemperatureStatus `sensor_Delta_Temperature` = data\_Temp\_Normal

## 4.37.1 Macro Definition Documentation

### 4.37.1.1 BLANK\_VALUE\_DISPLAY

```
#define BLANK_VALUE_DISPLAY 99
```

### 4.37.1.2 COUNT\_TO\_SECOND

```
#define COUNT_TO_SECOND 1000/TASK_DURATION_MILLISECONDS
```

### 4.37.1.3 HOUR\_FORMAT\_24

```
#define HOUR_FORMAT_24 24
```

### 4.37.1.4 MINUTES\_MAX\_VALUE

```
#define MINUTES_MAX_VALUE 60
```

### 4.37.1.5 SECONDS\_MAX\_VALUE

```
#define SECONDS_MAX_VALUE 60
```

### 4.37.1.6 TASK\_DURATION\_MILLISECONDS

```
#define TASK_DURATION_MILLISECONDS 10
```

### 4.37.1.7 TASKSTACKSIZE

```
#define TASKSTACKSIZE 512
```

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@Project Name ProyectoFinalDisplayV4

@File Name [PFinalMain.c](#)

@Author Romero, Rodrigo Olvera, Diego Perches, Gibran

@Summary This is a C language file with the purpose to run the main code of the project to resolve the client issue.

@Date 07/10/2022

@Version V4.0

@Description This file have an state machine to manage diferent task and configurations for temperature sensor, display the clock, configure the clock hours and the clock minutes, with two timers one for the temperature sensor sampling and the other one to enter to configure the clock, also have I2C2 communication with the sensor BM280 to get temperature value.

Generation Information : Product Revision : TM4C129EXL - 1.168.0 Device : TM4C129ENCPDT The generated drivers are tested against the following: Languaje : C ANSI C 89 Mode Compiler : Tlv16.9.6LTS CCS : CCS v7.4.0.00015 (c) 2022 Romero Rodrigo, OlveraDiego, Perches Gibran. You may use this software and any derivatives exclusively with Texas Instruments products.

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Romero Rodrigo, Olvera Diego, Perches Gibran PROVIDES THIS SOFTWARE CONDITIONALLY UPON YOUR ACCEPTANCE OF THESE TERMS.. ===== [PFinalMain.c](#) =====

Macros

## 4.37.2 Function Documentation

### 4.37.2.1 ADC0Fxn()

```
Void ADC0Fxn (
    UArg arg0,
    UArg arg1 )
```

Task to obtain the internal temperature of the micro.

**example**

N/A

**Note**

N/A

### 4.37.2.2 hwiCreation()

```
void hwiCreation (
    void ) [inline]
```

### 4.37.2.3 i2c2Hwi()

```
Void i2c2Hwi (
    UArg arg )
```

Interrupt routine for the I2C2 module.

**example**

N/A

**Note**

N/A

#### 4.37.2.4 main()

```
int main (  
    void )
```

#### 4.37.2.5 stateMachine()

```
Void stateMachine (  
    UArg arg0,  
    UArg arg1 )
```

Main task that contains the state machine.

**example**

N/A

**Note**

N/A

#### 4.37.2.6 timer1AHwInt()

```
Void timer1AHwInt (  
    UArg arg )
```

Interrupt routine for the Timer1A.

**example**

N/A

**Note**

N/A

#### 4.37.2.7 timer2AHwInt()

```
Void timer2AHwInt (  
    UArg arg )
```

Interrupt routine for the Timer2A.

**example**

N/A

**Note**

N/A

### 4.37.3 Variable Documentation

#### 4.37.3.1 I2C2Hwi

```
Hwi_Handle I2C2Hwi
```

#### 4.37.3.2 sensor\_ADC\_Data\_Temperature

```
volatile uint16_t sensor_ADC_Data_Temperature[2] = { ZERO }
```

#### 4.37.3.3 sensor\_ADC\_Temperature

```
uint32_t sensor_ADC_Temperature = ZERO
```

#### 4.37.3.4 sensor\_Avg\_Temperature\_Fraction

```
int8_t sensor_Avg_Temperature_Fraction = ZERO
```

#### 4.37.3.5 sensor\_Avg\_Temperature\_Integer

```
int8_t sensor_Avg_Temperature_Integer = ZERO
```

#### 4.37.3.6 sensor\_Ctrl\_Meas

```
uint8_t sensor_Ctrl_Meas = MODE_FORCED | T_OS_1
```

#### 4.37.3.7 sensor\_Current\_Sample

```
uint8_t sensor_Current_Sample = ZERO
```

#### 4.37.3.8 sensor\_Current\_Temperature\_Fraction

```
int8_t sensor_Current_Temperature_Fraction = ZERO
```

#### 4.37.3.9 sensor\_Current\_Temperature\_Integer

```
int8_t sensor_Current_Temperature_Integer = ZERO
```

#### 4.37.3.10 sensor\_Data\_Counter

```
uint8_t sensor_Data_Counter = ZERO
```

#### 4.37.3.11 sensor\_Delta\_Temperature

```
DetaTemperatureStatus sensor_Delta_Temperature = data_Temp_Normal
```

#### 4.37.3.12 sensor\_Dig\_Temperature

```
uint8_t sensor_Dig_Temperature[6] = { ZERO }
```

#### 4.37.3.13 sensor\_Digit\_T1

```
uint16_t sensor_Digit_T1 = ZERO
```



**4.37.3.14 sensor\_Digit\_T2**

```
int16_t sensor_Digit_T2 = ZERO
```

**4.37.3.15 sensor\_Digit\_T3**

```
int16_t sensor_Digit_T3 = ZERO
```

**4.37.3.16 sensor\_First\_Read\_Flag**

```
bool sensor_First_Read_Flag = true
```

**4.37.3.17 sensor\_Parameter\_Address**

```
uint8_t sensor_Parameter_Address = PARAM_DIG_T1_LSB
```

**4.37.3.18 sensor\_Parameter\_Count**

```
uint8_t sensor_Parameter_Count = ZERO
```

**4.37.3.19 sensor\_State**

```
BM280State sensor_State = state_Read_Calibration
```

**4.37.3.20 sensor\_Temperature**

```
double sensor_Temperature = ZERO_FLOAT
```

**4.37.3.21 sensor\_Temperature\_Array**

```
double sensor_Temperature_Array[TEMPERATURE_SAMPLES] = { ZERO_FLOAT }
```

**4.37.3.22 sensor\_Temperature\_Array\_ADC**

```
float sensor_Temperature_Array_ADC[TEMPERATURE_SAMPLES] = { ZERO_FLOAT }
```

**4.37.3.23 sensor\_Temperature\_Average**

```
double sensor_Temperature_Average = ZERO_FLOAT
```

**4.37.3.24 sensor\_Temperature\_Compensation**

```
double sensor_Temperature_Compensation = 3
```

**4.37.3.25 sensor\_Temperature\_Decimals**

```
uint8_t sensor_Temperature_Decimals = ZERO
```

#### 4.37.3.26 sensor\_Temperature\_Tens

```
uint8_t sensor_Temperature_Tens = ZERO
```

#### 4.37.3.27 sensor\_Temperature\_Units

```
uint8_t sensor_Temperature_Units = ZERO
```

#### 4.37.3.28 sensor\_Unused\_Param

```
uint16_t sensor_Unused_Param = ZERO
```

#### 4.37.3.29 taskADCStack

```
Char taskADCStack[TASKSTACKSIZE]
```

#### 4.37.3.30 taskADCStruct

```
Task_Struct taskADCStruct
```

#### 4.37.3.31 taskSMStack

```
Char taskSMStack[TASKSTACKSIZE]
```

#### 4.37.3.32 taskSMStruct

```
Task_Struct taskSMStruct
```

#### 4.37.3.33 timer1AHwi

```
Hwi_Handle timer1AHwi
```

#### 4.37.3.34 timer2AHwi

```
Hwi_Handle timer2AHwi
```

#### 4.37.3.35 u16MillisecondsCount

```
uint16_t u16MillisecondsCount = 0
```

#### 4.37.3.36 ui8Hour

```
uint8_t ui8Hour = 23
```

#### 4.37.3.37 ui8Minutes

```
uint8_t ui8Minutes = 59
```

#### 4.37.3.38 ui8Seconds

```
uint8_t ui8Seconds = 59
```

