|  |  |
| --- | --- |
| **FblUsr SW Detailed Design** | |
| **Summary** | Software Detailed Design Document of the FblUsr Component |

|  |  |  |
| --- | --- | --- |
| **Author** | **Review** | **Approval** |
| Title: Andreea Suiu | See Project Master Document for the roles and Project Members List for the name of people | See Project Master Document for the roles and Project Members List for the name of people |
|  |  |  |
| **Distribution** | | |
| See Project Master Document for the roles and Project Members List for the name of people | See Project Master Document for the roles and Project Members List for the name of people | See Project Master Document for the roles and Project Members List for the name of people |

# Table of content

1. General Information 3

1.1. Revision history \* 3

1.2. Purpose and Scope 3

1.3. Referenced documents 3

1.3.1. External documents 3

1.3.2. Internal Documents 3

1.4. Terminology and definitions 3

2. SW atomic architectural unit design 4

2.1. Overview 4

2.2. Traceability 4

3. FEATURES 4

3.1. Services 4

3.1.1. Service Name 4

3.2. Types 5

3.2.1. Name Structure definition 5

3.3. Variables 5

3.4. Constants 5

4. EEPROM 5

5. Configuration 5

6. Compilation Options 5

# General Information

## Revision history \*

|  |  |  |  |
| --- | --- | --- | --- |
| **Revision** | **Date** | **Author(s)** | **Description/comment** |
| 1.0. | 09.12.2022 | Andreea Suiu | First revision. |
| 1.1. | 21.12.2022 | Andreea Suiu | Second revision. |
|  |  |  |  |

*\* Template history is found in the CM tool used for templates*

## Purpose and Scope

The purpose of this document is to provide an overview of the FblUsr SW Component operation principle, and to present the implementation choices in terms of module and function splitting.

## Referenced documents

### External documents

|  |  |  |
| --- | --- | --- |
| **Id** | **Title** | **Reference** |
|  |  |  |
|  |  |  |
|  |  |  |

### Internal Documents

|  |  |  |
| --- | --- | --- |
| **Id** | **Title** | **Reference** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Terminology and definitions

The generic acronyms are available in the [AEM process and method wiki](https://alvteams.alv.autoliv.int/sites/aeuaeequalityassurance/AEM%20Process%20wiki/acronyms.aspx)

|  |  |
| --- | --- |
| **Terminology** | **Meaning** |
| AAU | Atomic architectural unit |
| SW | software |
|  |  |

# SW Module Detailed Design

## Overview

The aim of the FblUsr component is to be a software router between all the communication stack and the bootloader core.

This component is responsible for the following aspects:

* Software and hardware initialization of Bootmanager
* Implementation of functions for CAN communication

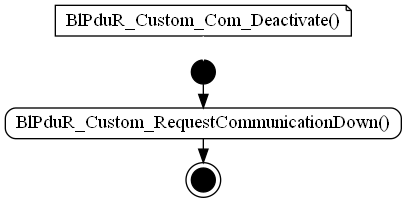
## Traceability

# Features

## Services

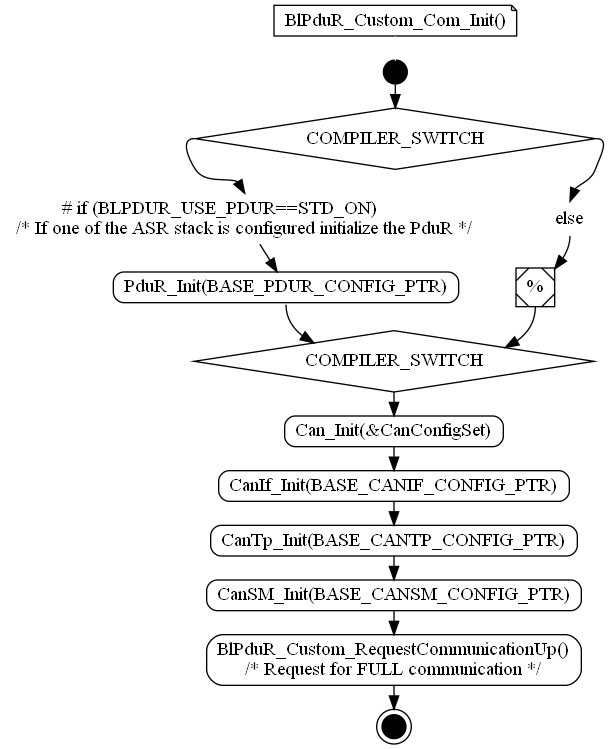
### BlPduR\_Custom\_Com\_Deactivate

|  |  |  |  |
| --- | --- | --- | --- |
| Object | | | |
| Deactivate communication. | | | |
| **Prototype** | | | |
| void BlPduR\_Custom\_Com\_Deactivate (void) | | | |
| **Precondition** | | | |
| None. | | | |
| **Detailed Design Requirement** | | | |
| DSG\_FblUsr\_BlPduR\_Custom\_Com\_Deactivate | | | |
| **Architecture Requirement** | | | |
| ARCH\_SW\_FblUsr\_BlPduR\_Custom\_Com\_Deactivate | | | |
| **Input parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Output parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Return value** | | | |
| Type | Description | | |
| NA | None. | | |
| **Dynamic aspect** | | | |
| Who(callers) | Description | | |
| Prog\_Cust\_AppliCheck module. | Called in PROG\_SwitchApplicationMode function. | | |
| **Static aspect** | | | |
| \* | | | |
| **Constrains** | | | |
| None. | | | |



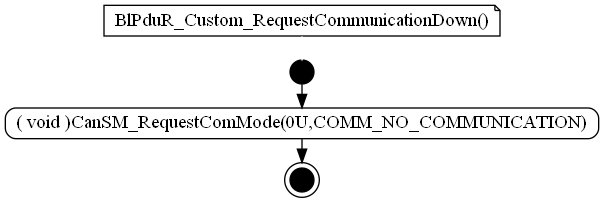
### BlPduR\_Custom\_Com\_Init

|  |  |  |  |
| --- | --- | --- | --- |
| Object | | | |
| Initialization of modules of communication stack. | | | |
| **Prototype** | | | |
| void BlPduR\_Custom\_Com\_Init (void) | | | |
| **Precondition** | | | |
| None. | | | |
| **Detailed Design Requirement** | | | |
| DSG\_FblUsr\_BlPduR\_Custom\_Com\_Init | | | |
| **Architecture Requirement** | | | |
| ARCH\_SW\_FblUsr\_BlPduR\_Custom\_Com\_Init | | | |
| **Input parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Output parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Return value** | | | |
| Type | Description | | |
| NA | None. | | |
| **Dynamic aspect** | | | |
| Who(callers) | Description | | |
| BlPduR\_Prg module. | Called in BlPduR\_Init1 function. | | |
| **Static aspect** | | | |
| \* | | | |
| **Constrains** | | | |
| None. | | | |



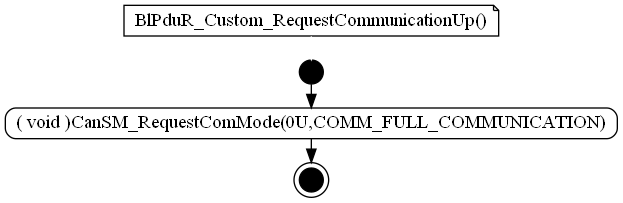
### BlPduR\_Custom\_RequestCommunicationDown

|  |  |  |  |
| --- | --- | --- | --- |
| Object | | | |
| Request communication mode = down. | | | |
| **Prototype** | | | |
| LOCAL void BlPduR\_Custom\_RequestCommunicationDown (void) | | | |
| **Precondition** | | | |
| None. | | | |
| **Detailed Design Requirement** | | | |
| DSG\_FblUsr\_BlPduR\_Custom\_RequestCommunicationDown | | | |
| **Architecture Requirement** | | | |
| None. | | | |
| **Input parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Output parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Return value** | | | |
| Type | Description | | |
| NA | None. | | |
| **Dynamic aspect** | | | |
| Who(callers) | Description | | |
| BlPduR\_Cbk module. | Called in BlPduR\_Custom\_Com\_Init function. | | |
| **Static aspect** | | | |
| \* | | | |
| **Constrains** | | | |
| None. | | | |



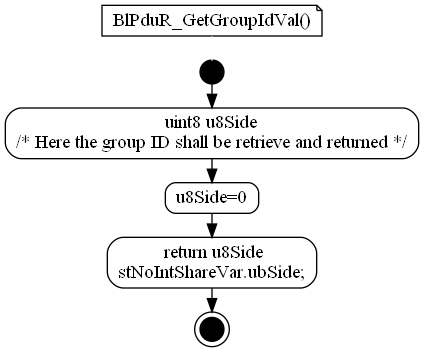
### BlPduR\_Custom\_RequestCommunicationUp

|  |  |  |  |
| --- | --- | --- | --- |
| Object | | | |
| Request communication mode = up. | | | |
| **Prototype** | | | |
| LOCAL void BlPduR\_Custom\_RequestCommunicationUp (void) | | | |
| **Precondition** | | | |
| None. | | | |
| **Detailed Design Requirement** | | | |
| DSG\_FblUsr\_BlPduR\_Custom\_RequestCommunicationUp | | | |
| **Architecture Requirement** | | | |
| None. | | | |
| **Input parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Output parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Return value** | | | |
| Type | Description | | |
| NA | None. | | |
| **Dynamic aspect** | | | |
| Who(callers) | Description | | |
| BlPduR\_Cbk module. | Called in BlPduR\_Custom\_Com\_Init function. | | |
| **Static aspect** | | | |
| \* | | | |
| **Constrains** | | | |
| None. | | | |



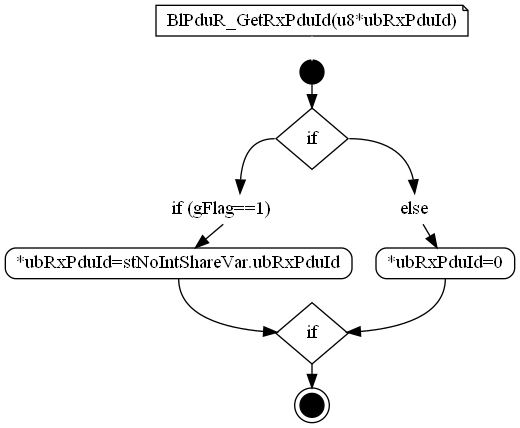
### BlPduR\_GetGroupIdVal

|  |  |  |  |
| --- | --- | --- | --- |
| Object | | | |
| This service is at system initialization by BlPduR module to retrieve Group Id use in the ECU. The Group ID shall be retrieve depending on the system architecture (e.g. from NVM, from a specific I/O, etc.). It shall then be returned. | | | |
| **Prototype** | | | |
| u8 BlPduR\_GetGroupIdVal (void) | | | |
| **Precondition** | | | |
| None. | | | |
| **Detailed Design Requirement** | | | |
| DSG\_FblUsr\_BlPduR\_GetGroupIdVal | | | |
| **Architecture Requirement** | | | |
| ARCH\_SW\_FblUsr\_BlPduR\_GetGroupIdVal | | | |
| **Input parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Output parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Return value** | | | |
| Type | Description | | |
| u8 | u8Side = value of the Group ID that shall be used in by the bootloader to run. | | |
| **Dynamic aspect** | | | |
| Who(callers) | Description | | |
| BlPduR\_Prg module. | Called in BlPduR\_Init2 function. | | |
| **Static aspect** | | | |
| \* | | | |
| **Constrains** | | | |
| None. | | | |



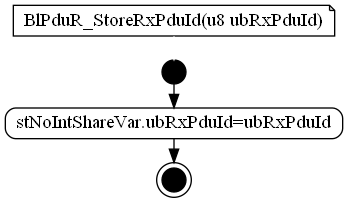
### BlPduR\_GetRxPduId

|  |  |  |  |
| --- | --- | --- | --- |
| Object | | | |
| Get the Rx Pdu Identifier on which the response after reset shall be sent. | | | |
| **Prototype** | | | |
| void BlPduR\_GetRxPduId (u8 \* ubRxPduId) | | | |
| **Precondition** | | | |
| None. | | | |
| **Detailed Design Requirement** | | | |
| DSG\_FblUsr\_BlPduR\_GetRxPduId | | | |
| **Architecture Requirement** | | | |
| ARCH\_SW\_FblUsr\_BlPduR\_GetRxPduId | | | |
| **Input parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Output parameters** | | | |
| Name | Type | Description | Range |
| ubRxPduId | uint8 | pubRxpduId Rx Pdu Identifier pointer | NA |
| **Return value** | | | |
| Type | Description | | |
| NA | None. | | |
| **Dynamic aspect** | | | |
| Who(callers) | Description | | |
| BlPduR\_Prg module. | Called in BlPduR\_RetrieveConnectionInfo function. | | |
| **Static aspect** | | | |
| \* | | | |
| **Constrains** | | | |
| None. | | | |



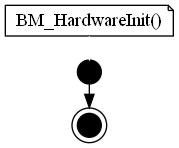
### BlPduR\_StoreRxPduId

|  |  |  |  |
| --- | --- | --- | --- |
| Object | | | |
| Store the Rx Pdu Identifier on which the request shall be responded after reset has been received. | | | |
| **Prototype** | | | |
| void BlPduR\_StoreRxPduId (u8 ubRxPduId) | | | |
| **Precondition** | | | |
| None. | | | |
| **Detailed Design Requirement** | | | |
| DSG\_FblUsr\_BlPduR\_StoreRxPduId | | | |
| **Architecture Requirement** | | | |
| ARCH\_SW\_FblUsr\_BlPduR\_StoreRxPduId | | | |
| **Input parameters** | | | |
| Name | Type | Description | Range |
| ubRxPduId | uint8 | pubRxpduId Rx Pdu Identifier | NA |
| **Output parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Return value** | | | |
| Type | Description | | |
| NA | None. | | |
| **Dynamic aspect** | | | |
| Who(callers) | Description | | |
| BlPduR\_Prg module. | Called in BlPduR\_StoreConnectionInfo function. | | |
| **Static aspect** | | | |
| \* | | | |
| **Constrains** | | | |
| None. | | | |



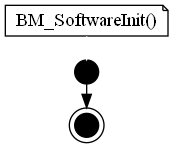
### BM\_HardwareInit

|  |  |  |  |
| --- | --- | --- | --- |
| Object | | | |
| This function is used for Bootmanager HW initialization. | | | |
| **Prototype** | | | |
| void BM\_HardwareInit (void) | | | |
| **Precondition** | | | |
| None. | | | |
| **Detailed Design Requirement** | | | |
| DSG\_FblUsr\_BM\_HardwareInit. | | | |
| **Architecture Requirement** | | | |
| ARCH\_SW\_FblUsr\_BM\_HardwareInit | | | |
| **Input parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Output parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Return value** | | | |
| Type | Description | | |
| NA | None. | | |
| **Dynamic aspect** | | | |
| Who(callers) | Description | | |
| BM\_Prg module. | Called by BM startup function. | | |
| **Static aspect** | | | |
| \* | | | |
| **Constrains** | | | |
| None. | | | |



### BM\_SoftwareInit

|  |  |  |  |
| --- | --- | --- | --- |
| Object | | | |
| This function is used for Bootmanager SW initialization. | | | |
| **Prototype** | | | |
| void BM\_SoftwareInit (void) | | | |
| **Precondition** | | | |
| None. | | | |
| **Detailed Design Requirement** | | | |
| DSG\_FblUsr\_BM\_SoftwareInit. | | | |
| **Architecture Requirement** | | | |
| ARCH\_SW\_FblUsr\_BM\_SoftwareInit | | | |
| **Input parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Output parameters** | | | |
| Name | Type | Description | Range |
| NA | NA | NA | NA |
| **Return value** | | | |
| Type | Description | | |
| NA | None. | | |
| **Dynamic aspect** | | | |
| Who(callers) | Description | | |
| BM\_Prg module. | Called by BM startup function. | | |
| **Static aspect** | | | |
| \* | | | |
| **Constrains** | | | |
| None. | | | |



## Variabiles

### gFlag

|  |  |  |
| --- | --- | --- |
| Type | Value |  |
| uint8 gFlag | NA | |
| **Description** | | |
| This variable is used to indicate that a programming request has been received by the application. | | |
| **Definition** | | |
| uint8 gFlag [extern] | | |

### Dem\_OperationCycleStateType

|  |  |  |
| --- | --- | --- |
| Type | Value |  |
| uint8 | NA | |
| **Description** | | |
| Operation cycle state type. | | |
| **Definition** | | |
| Dem\_OperationCycleStateType CycleState | | |

### Dem\_DataKindType

|  |  |  |
| --- | --- | --- |
| Type | Value |  |
| uint8 | NA | |
| **Description** | | |
| Data kind type. | | |
| **Definition** | | |
| Dem\_DataKindType DataKind | | |

### Dem\_DTCFormatType

|  |  |  |
| --- | --- | --- |
| Type | Value |  |
| uint8 | NA | |
| **Description** | | |
| DTC format type. | | |
| **Definition** | | |
| Dem\_DTCFormatType DTCFormat | | |

### Dem\_DTCKindType

|  |  |  |
| --- | --- | --- |
| Type | Value |  |
| Dem\_DTCKindType | NA | |
| **Description** | | |
| This variable is used to ... | | |
| **Definition** | | |
| Dem\_DTCKindType DTCKind | | |

### Dem\_DTCOriginType

|  |  |  |
| --- | --- | --- |
| Type | Value |  |
| uint8 | NA | |
| **Description** | | |
| DTC origin type. | | |
| **Definition** | | |
| Dem\_DTCFormatType Dem\_DTCOriginType DTCOrigin | | |

### Dem\_DTCSeverityType

|  |  |  |
| --- | --- | --- |
| Type | Value |  |
| uint8 | NA | |
| **Description** | | |
| DTC severity type. | | |
| **Definition** | | |
| Dem\_DTCSeverityType | | |

### Dem\_EventStatusType

|  |  |  |
| --- | --- | --- |
| Type | Value |  |
| uint8 | NA | |
| **Description** | | |
| Event status type. | | |
| **Definition** | | |
| Dem\_EventStatusType EventStatus | | |

### Dem\_ReturnGetNumberOfFilteredDTCType

|  |  |  |
| --- | --- | --- |
| Type | Value |  |
| uint8 | NA | |
| **Description** | | |
| Number of filtered DTC type. | | |
| **Definition** | | |
| Dem\_ReturnGetNumberOfFilteredDTCType | | |

## Macros

### DEM\_AR\_RELEASE\_MAJOR\_VERSION

|  |  |
| --- | --- |
| Name | Value |
| DEM\_AR\_RELEASE\_MAJOR\_VERSION | 4U |
| **Definition** | |
| #define DEM\_AR\_RELEASE\_MAJOR\_VERSION 4U | |
| **Description** | |
| DEM Major Version. | |

### DEM\_AR\_RELEASE\_MINOR\_VERSION

|  |  |
| --- | --- |
| Name | Value |
| DEM\_AR\_RELEASE\_MINOR\_VERSION | 0U |
| **Definition** | |
| #define DEM\_AR\_RELEASE\_MINOR\_VERSION 0U | |
| **Description** | |
| Dem Minor Version. | |

### EBSTUBS\_FUNCENABLED\_DEM

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM STD\_ON | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_CLEARDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_CLEARDTC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_CLEARDTC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_CLEARPRESTOREDFREEZEFRAME

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_CLEARPRESTOREDFREEZEFRAME | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_CLEARPRESTOREDFREEZEFRAME EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMCANCELOPERATION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMCANCELOPERATION | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMCANCELOPERATION EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMCONTROLDTCSTATUSCHANGEDNOTIFICATION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMCONTROLDTCSTATUSCHANGEDNOTIFICATION | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMCONTROLDTCSTATUSCHANGEDNOTIFICATION EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMGETNEXTFILTEREDSTOREDDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMGETNEXTFILTEREDSTOREDDTC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMGETNEXTFILTEREDSTOREDDTC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID01

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID01 | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID01 EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID1C

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID1C | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID1C EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID21

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID21 | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID21 EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID30

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID30 | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID30 EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID31

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID31 | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID31 EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID41

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID41 | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID41 EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID4D

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID4D | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID4D EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID4E

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID4E | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMREADDATAOFPID4E EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DCMSETSTOREDDTCFILTER

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DCMSETSTOREDDTCFILTER | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DCMSETSTOREDDTCFILTER EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DISABLEDTCRECORDUPDATE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DISABLEDTCRECORDUPDATE | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DISABLEDTCRECORDUPDATE EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_DISABLEDTCSETTING

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_DISABLEDTCSETTING | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_DISABLEDTCSETTING EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_ENABLEDTCRECORDUPDATE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_ENABLEDTCRECORDUPDATE | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_ENABLEDTCRECORDUPDATE EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_ENABLEDTCSETTING

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_ENABLEDTCSETTING | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_ENABLEDTCSETTING EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETDTCBYOCCURRENCETIME

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETDTCBYOCCURRENCETIME | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETDTCBYOCCURRENCETIME EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETDTCOFEVENT

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETDTCOFEVENT | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETDTCOFEVENT EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETDTCOFOBDFREEZEFRAME

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETDTCOFOBDFREEZEFRAME | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETDTCOFOBDFREEZEFRAME EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETDTCSTATUSAVAILABILITYMASK

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETDTCSTATUSAVAILABILITYMASK | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETDTCSTATUSAVAILABILITYMASK EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTEXTENDEDDATARECORD

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTEXTENDEDDATARECORD | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTEXTENDEDDATARECORD EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTFAILED

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTFAILED | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTFAILED EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTFREEZEFRAMEDATA

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTFREEZEFRAMEDATA | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTFREEZEFRAMEDATA EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTMEMORYOVERFLOW

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTMEMORYOVERFLOW | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTMEMORYOVERFLOW EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTSTATUS | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTSTATUS EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTTESTED

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTTESTED | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETEVENTTESTED EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETEXTENDEDDATARECORDBYDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETEXTENDEDDATARECORDBYDTC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETEXTENDEDDATARECORDBYDTC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETFAULTDETECTIONCOUNTER

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETFAULTDETECTIONCOUNTER | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETFAULTDETECTIONCOUNTER EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETFREEZEFRAMEDATABYDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETFREEZEFRAMEDATABYDTC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETFREEZEFRAMEDATABYDTC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETFREEZEFRAMEDATABYRECORD

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETFREEZEFRAMEDATABYRECORD | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETFREEZEFRAMEDATABYRECORD EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETFUNCTIONALUNITOFDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETFUNCTIONALUNITOFDTC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETFUNCTIONALUNITOFDTC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETINDICATORSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETINDICATORSTATUS | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETINDICATORSTATUS EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETINFOTYPEVALUE08

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETINFOTYPEVALUE08 | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETINFOTYPEVALUE08 EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETINFOTYPEVALUE0B

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETINFOTYPEVALUE0B | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETINFOTYPEVALUE0B EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDDTC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDDTC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDDTCANDFDC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDDTCANDFDC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDDTCANDFDC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDDTCANDSEVERITY

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDDTCANDSEVERITY | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDDTCANDSEVERITY EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDRECORD

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDRECORD | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETNEXTFILTEREDRECORD EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETNUMBEROFFILTEREDDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETNUMBEROFFILTEREDDTC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETNUMBEROFFILTEREDDTC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETSEVERITYOFDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETSEVERITYOFDTC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETSEVERITYOFDTC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETSIZEOFEXTENDEDDATARECORDBYDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETSIZEOFEXTENDEDDATARECORDBYDTC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETSIZEOFEXTENDEDDATARECORDBYDTC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETSIZEOFFREEZEFRAMEBYDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETSIZEOFFREEZEFRAMEBYDTC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETSIZEOFFREEZEFRAMEBYDTC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETSTATUSOFDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETSTATUSOFDTC | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETSTATUSOFDTC EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETTRANSLATIONTYPE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETTRANSLATIONTYPE | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETTRANSLATIONTYPE EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_GETVERSIONINFO

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_GETVERSIONINFO | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_GETVERSIONINFO EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_INIT

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_INIT | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_INIT EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_MAINFUNCTION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_MAINFUNCTION | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_MAINFUNCTION EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_PREINIT

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_PREINIT | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_PREINIT EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_PRESTOREFREEZEFRAME

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_PRESTOREFREEZEFRAME | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_PRESTOREFREEZEFRAME EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_READDATAOFOBDFREEZEFRAME

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_READDATAOFOBDFREEZEFRAME | EBSTUBS\_FUNCENABLED\_  DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_READDATAOFOBDFREEZEFRAME EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_REPIUMPRDENLOCK

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_REPIUMPRDENLOCK | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_REPIUMPRDENLOCK EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_REPIUMPRDENRELEASE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_REPIUMPRDENRELEASE | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_REPIUMPRDENRELEASE EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_REPIUMPRFAULTDETECT

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_REPIUMPRFAULTDETECT | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_REPIUMPRFAULTDETECT EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_REPORTERRORSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_REPORTERRORSTATUS | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_REPORTERRORSTATUS EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_RESETEVENTSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_RESETEVENTSTATUS | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_RESETEVENTSTATUS EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETAGINGCYCLECOUNTERVALUE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETAGINGCYCLECOUNTERVALUE | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETAGINGCYCLECOUNTERVALUE EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETAGINGCYCLESTATE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETAGINGCYCLESTATE | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETAGINGCYCLESTATE EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETDTCFILTER

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETDTCFILTER | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETDTCFILTER EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETDTCSUPPRESSION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETDTCSUPPRESSION | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETDTCSUPPRESSION EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETENABLECONDITION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETENABLECONDITION | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETENABLECONDITION EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETEVENTDISABLED

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETEVENTDISABLED | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETEVENTDISABLED EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETEVENTSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETEVENTSTATUS | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETEVENTSTATUS EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETFREEZEFRAMERECORDFILTER

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETFREEZEFRAMERECORDFILTER | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETFREEZEFRAMERECORDFILTER EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETOPERATIONCYCLECNTVALUE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETOPERATIONCYCLECNTVALUE | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETOPERATIONCYCLECNTVALUE EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETOPERATIONCYCLESTATE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETOPERATIONCYCLESTATE | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETOPERATIONCYCLESTATE EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETPTOSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETPTOSTATUS | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETPTOSTATUS EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SETSTORAGECONDITION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SETSTORAGECONDITION | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SETSTORAGECONDITION EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_DEM\_SHUTDOWN

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_DEM\_SHUTDOWN | EBSTUBS\_FUNCENABLED\_DEM |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_DEM\_SHUTDOWN EBSTUBS\_FUNCENABLED\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM | 1U |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM 1U | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_CLEARDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_CLEARDTC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_CLEARDTC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_CLEARPRESTOREDFREEZEFRAME

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_CLEARPRESTOREDFREEZEFRAME | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_CLEARPRESTOREDFREEZEFRAME EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMCANCELOPERATION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMCANCELOPERATION | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMCANCELOPERATION EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMCONTROLDTCSTATUSCHANGEDNOTIFICATION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMCONTROLDTCSTATUSCHANGEDNOTIFICATION | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMCONTROLDTCSTATUSCHANGEDNOTIFICATION EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMGETNEXTFILTEREDSTOREDDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMGETNEXTFILTEREDSTOREDDTC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMGETNEXTFILTEREDSTOREDDTC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID01

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID01 | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID01 EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID1C

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID1C | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID1C EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID21

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID21 | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID21 EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID30

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID30 | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID30 EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID31

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID31 | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID31 EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID41

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID41 | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID41 EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID4D

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID4D | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID4D EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID4E

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID4E | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMREADDATAOFPID4E EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DCMSETSTOREDDTCFILTER

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DCMSETSTOREDDTCFILTER | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DCMSETSTOREDDTCFILTER EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DISABLEDTCRECORDUPDATE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DISABLEDTCRECORDUPDATE | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DISABLEDTCRECORDUPDATE EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_DISABLEDTCSETTING

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_DISABLEDTCSETTING | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_DISABLEDTCSETTING EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_ENABLEDTCRECORDUPDATE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_ENABLEDTCRECORDUPDATE | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_ENABLEDTCRECORDUPDATE EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_ENABLEDTCSETTING

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_ENABLEDTCSETTING | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_ENABLEDTCSETTING EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCBYOCCURRENCETIME

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCBYOCCURRENCETIME | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCBYOCCURRENCETIME EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCOFEVENT

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCOFEVENT | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCOFEVENT EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCOFOBDFREEZEFRAME

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCOFOBDFREEZEFRAME | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCOFOBDFREEZEFRAME EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCSTATUSAVAILABILITYMASK

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCSTATUSAVAILABILITYMASK | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETDTCSTATUSAVAILABILITYMASK EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTEXTENDEDDATARECORD

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTEXTENDEDDATARECORD | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTEXTENDEDDATARECORD EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTFAILED

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTFAILED | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTFAILED EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTFREEZEFRAMEDATA

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTFREEZEFRAMEDATA | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTFREEZEFRAMEDATA EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTMEMORYOVERFLOW

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTMEMORYOVERFLOW | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTMEMORYOVERFLOW EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTSTATUS | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTSTATUS EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTTESTED

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTTESTED | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETEVENTTESTED EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETEXTENDEDDATARECORDBYDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETEXTENDEDDATARECORDBYDTC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETEXTENDEDDATARECORDBYDTC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETFAULTDETECTIONCOUNTER

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETFAULTDETECTIONCOUNTER | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETFAULTDETECTIONCOUNTER EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETFREEZEFRAMEDATABYDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETFREEZEFRAMEDATABYDTC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETFREEZEFRAMEDATABYDTC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETFREEZEFRAMEDATABYRECORD

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETFREEZEFRAMEDATABYRECORD | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETFREEZEFRAMEDATABYRECORD EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETFUNCTIONALUNITOFDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETFUNCTIONALUNITOFDTC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETFUNCTIONALUNITOFDTC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETINDICATORSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETINDICATORSTATUS | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETINDICATORSTATUS EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETINFOTYPEVALUE08

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETINFOTYPEVALUE08 | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETINFOTYPEVALUE08 EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETINFOTYPEVALUE0B

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETINFOTYPEVALUE0B | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETINFOTYPEVALUE0B EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDDTC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDDTC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDDTCANDFDC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDDTCANDFDC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDDTCANDFDC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDDTCANDSEVERITY

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDDTCANDSEVERITY | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDDTCANDSEVERITY EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDRECORD

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDRECORD | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETNEXTFILTEREDRECORD EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETNUMBEROFFILTEREDDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETNUMBEROFFILTEREDDTC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETNUMBEROFFILTEREDDTC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETSEVERITYOFDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETSEVERITYOFDTC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETSEVERITYOFDTC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETSIZEOFEXTENDEDDATARECORDBYDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETSIZEOFEXTENDEDDATARECORDBYDTC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETSIZEOFEXTENDEDDATARECORDBYDTC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETSIZEOFFREEZEFRAMEBYDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETSIZEOFFREEZEFRAMEBYDTC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETSIZEOFFREEZEFRAMEBYDTC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETSTATUSOFDTC

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETSTATUSOFDTC | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETSTATUSOFDTC EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETTRANSLATIONTYPE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETTRANSLATIONTYPE | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETTRANSLATIONTYPE EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_GETVERSIONINFO

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_GETVERSIONINFO | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_GETVERSIONINFO EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_INIT

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_INIT | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_INIT EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_MAINFUNCTION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_MAINFUNCTION | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_MAINFUNCTION EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_PREINIT

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_PREINIT | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_PREINIT EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_PRESTOREFREEZEFRAME

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_PRESTOREFREEZEFRAME | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_PRESTOREFREEZEFRAME EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_READDATAOFOBDFREEZEFRAME

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_READDATAOFOBDFREEZEFRAME | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_READDATAOFOBDFREEZEFRAME EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_REPIUMPRDENLOCK

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_REPIUMPRDENLOCK | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_REPIUMPRDENLOCK EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_REPIUMPRDENRELEASE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_REPIUMPRDENRELEASE | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_REPIUMPRDENRELEASE EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_REPIUMPRFAULTDETECT

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_REPIUMPRFAULTDETECT | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_REPIUMPRFAULTDETECT EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_REPORTERRORSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_REPORTERRORSTATUS | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_REPORTERRORSTATUS EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_RESETEVENTSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_RESETEVENTSTATUS | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_RESETEVENTSTATUS EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETAGINGCYCLECOUNTERVALUE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETAGINGCYCLECOUNTERVALUE | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETAGINGCYCLECOUNTERVALUE EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETAGINGCYCLESTATE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETAGINGCYCLESTATE | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETAGINGCYCLESTATE EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETDTCFILTER

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETDTCFILTER | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETDTCFILTER EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETDTCSUPPRESSION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETDTCSUPPRESSION | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETDTCSUPPRESSION EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETENABLECONDITION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETENABLECONDITION | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETENABLECONDITION EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETEVENTDISABLED

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETEVENTDISABLED | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETEVENTDISABLED EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETEVENTSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETEVENTSTATUS | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETEVENTSTATUS EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETFREEZEFRAMERECORDFILTER

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETFREEZEFRAMERECORDFILTER | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETFREEZEFRAMERECORDFILTER EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETOPERATIONCYCLECNTVALUE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETOPERATIONCYCLECNTVALUE | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETOPERATIONCYCLECNTVALUE EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETOPERATIONCYCLESTATE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETOPERATIONCYCLESTATE | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETOPERATIONCYCLESTATE EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETPTOSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETPTOSTATUS | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETPTOSTATUS EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SETSTORAGECONDITION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SETSTORAGECONDITION | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SETSTORAGECONDITION EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_MAX\_CALLS\_DEM\_SHUTDOWN

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_MAX\_CALLS\_DEM\_SHUTDOWN | EBSTUBS\_MAX\_CALLS\_DEM |
| **Definition** | |
| #define EBSTUBS\_MAX\_CALLS\_DEM\_SHUTDOWN EBSTUBS\_MAX\_CALLS\_DEM | |
| **Description** | |
| NA | |

### EBSTUBS\_START\_SEC\_CODE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_START\_SEC\_CODE | NA |
| **Definition** | |
| #define EBSTUBS\_START\_SEC\_CODE | |
| **Description** | |
| Constant with external linkage. | |

### EBSTUBS\_START\_SEC\_VAR\_UNSPECIFIED

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_START\_SEC\_VAR\_UNSPECIFIED | NA |
| **Definition** | |
| #define EBSTUBS\_START\_SEC\_VAR\_UNSPECIFIED | |
| **Description** | |
| Constant with external linkage. | |

### EBSTUBS\_STOP\_SEC\_CODE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_STOP\_SEC\_CODE | NA |
| **Definition** | |
| #define EBSTUBS\_STOP\_SEC\_CODE | |
| **Description** | |
| Constant with external linkage. | |

### EBSTUBS\_STOP\_SEC\_VAR\_UNSPECIFIED

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_STOP\_SEC\_VAR\_UNSPECIFIED | NA |
| **Definition** | |
| #define EBSTUBS\_STOP\_SEC\_VAR\_UNSPECIFIED | |
| **Description** | |
| Constant with external linkage. | |

### DEM\_EVENT\_STATUS\_FAILED

|  |  |
| --- | --- |
| Name | Value |
| DEM\_EVENT\_STATUS\_FAILED | 0x01U |
| **Definition** | |
| #define DEM\_EVENT\_STATUS\_FAILED 0x01U | |
| **Description** | |
| Event status failed. | |

### DEM\_EVENT\_STATUS\_PASSED

|  |  |
| --- | --- |
| Name | Value |
| DEM\_EVENT\_STATUS\_PASSED | 0x00U |
| **Definition** | |
| #define DEM\_EVENT\_STATUS\_PASSED 0x00U | |
| **Description** | |
| Event status passed. | |

### DEM\_EVENT\_STATUS\_PREFAILED

|  |  |
| --- | --- |
| Name | Value |
| DEM\_EVENT\_STATUS\_PREFAILED | 0x03U |
| **Definition** | |
| #define DEM\_EVENT\_STATUS\_PREFAILED 0x03U | |
| **Description** | |
| Event status prefailed. | |

### EBSTUBS\_FUNCENABLED\_MCU\_DISTRIBUTEPLLCLOCK

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_MCU\_DISTRIBUTEPLLCLOCK | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_MCU\_DISTRIBUTEPLLCLOCK STD\_ON | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_MCU\_GETPLLSTATUS

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_MCU\_GETPLLSTATUS | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_MCU\_GETPLLSTATUS STD\_ON | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_MCU\_GETRAMSTATE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_MCU\_GETRAMSTATE | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_MCU\_GETRAMSTATE STD\_ON | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_MCU\_GETRESETRAWVALUE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_MCU\_GETRESETRAWVALUE | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_MCU\_GETRESETRAWVALUE STD\_ON | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_MCU\_GETRESETREASON

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_MCU\_GETRESETREASON | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_MCU\_GETRESETREASON STD\_ON | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_MCU\_GETVERSIONINFO

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_MCU\_GETVERSIONINFO | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_MCU\_GETVERSIONINFO STD\_ON | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_MCU\_INIT

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_MCU\_INIT | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_MCU\_INIT STD\_ON | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_MCU\_INITCLOCK

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_MCU\_INITCLOCK | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_MCU\_INITCLOCK STD\_ON | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_MCU\_INITRAMSECTION

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_MCU\_INITRAMSECTION | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_MCU\_INITRAMSECTION STD\_ON | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_MCU\_PERFORMRESET

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_MCU\_PERFORMRESET | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_MCU\_PERFORMRESET STD\_ON | |
| **Description** | |
| NA | |

### EBSTUBS\_FUNCENABLED\_MCU\_SETMODE

|  |  |
| --- | --- |
| Name | Value |
| EBSTUBS\_FUNCENABLED\_MCU\_SETMODE | STD\_ON |
| **Definition** | |
| #define EBSTUBS\_FUNCENABLED\_MCU\_SETMODE STD\_ON | |
| **Description** | |
| NA | |

### DisableAllInterrupts

|  |  |
| --- | --- |
| Name | Value |
| DisableAllInterrupts | BoardDisableInterrupts |
| **Definition** | |
| #define DisableAllInterrupts BoardDisableInterrupts | |
| **Description** | |
| Disable All Interrupts. | |

### EnableAllInterrupts

|  |  |
| --- | --- |
| Name | Value |
| EnableAllInterrupts | BoardEnableInterrupts |
| **Definition** | |
| #define EnableAllInterrupts BoardEnableInterrupts | |
| **Description** | |
| Enable All Interrupts. | |

### ResumeAllInterrupts

|  |  |
| --- | --- |
| Name | Value |
| ResumeAllInterrupts | BoardEnableInterrupts |
| **Definition** | |
| #define ResumeAllInterrupts BoardEnableInterrupts | |
| **Description** | |
| Resume All Interrupts. | |

### SuspendAllInterrupts

|  |  |
| --- | --- |
| Name | Value |
| SuspendAllInterrupts | BoardDisableInterrupts |
| **Definition** | |
| #define SuspendAllInterrupts BoardDisableInterrupts | |
| **Description** | |
| Suspend All Interrupts. | |

### BOARD\_CORTEXM\_CONTROL\_FPCA

|  |  |
| --- | --- |
| Name | Value |
| BOARD\_CORTEXM\_CONTROL\_FPCA | 0x00000004 |
| **Definition** | |
| #define BOARD\_CORTEXM\_CONTROL\_FPCA 0x00000004 | |
| **Description** | |
| BOARD\_CORTEXM\_CONTROL\_FPCA (Control bit FPCA). FPCA floating point extension active in current context. This means, the floating point context is automatically saved on exception entry. | |

### BOARD\_FPCCR\_ASPEN

|  |  |
| --- | --- |
| Name | Value |
| BOARD\_FPCCR\_ASPEN | (1 << 31) |
| **Definition** | |
| #define BOARD\_FPCCR\_ASPEN (1 << 31) | |
| **Description** | |
| BOARD\_FPCCR\_ASPEN (FPCCR bit ASPEN). If 1, the CPU sets CONTROL. FPCA to 1 after a FPU instruction was executed. | |

### BOARD\_FPCCR\_LSPEN

|  |  |
| --- | --- |
| Name | Value |
| BOARD\_FPCCR\_LSPEN | (1 << 30) |
| **Definition** | |
| #define BOARD\_FPCCR\_LSPEN (1 << 30) | |
| **Description** | |
| BOARD\_FPCCR\_LSPEN (FPCCR bit LSPEN). If 1, the CPU enables lazy FPU context saving. | |

### ISTACKLEN

|  |  |
| --- | --- |
| Name | Value |
| ISTACKLEN | 0x200U |
| **Definition** | |
| #define ISTACKLEN 0x200U | |
| **Description** | |
| Stack length. | |

### PLATFORMS\_ASM\_ALIGN\_EXCTAB

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_ALIGN\_EXCTAB | (256,8) |
| **Definition** | |
| #define PLATFORMS\_ASM\_ALIGN\_EXCTAB Platforms\_align(256,8) | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_ALIGN\_EXCTAB10

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_ALIGN\_EXCTAB10 | (16,4) |
| **Definition** | |
| #define PLATFORMS\_ASM\_ALIGN\_EXCTAB10 Platforms\_align(16,4) | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_ALIGN\_EXCTAB20

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_ALIGN\_EXCTAB20 | (32,5) |
| **Definition** | |
| #define PLATFORMS\_ASM\_ALIGN\_EXCTAB20 Platforms\_align(32,5) | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_ALIGN\_EXCVEC

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_ALIGN\_EXCVEC | (16,4) |
| **Definition** | |
| #define PLATFORMS\_ASM\_ALIGN\_EXCVEC Platforms\_align(16,4) | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_ALIGN\_INTCTAB

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_ALIGN\_INTCTAB | (4,2) |
| **Definition** | |
| #define PLATFORMS\_ASM\_ALIGN\_INTCTAB Platforms\_align(4,2) | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_ALIGN\_INTCVEC

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_ALIGN\_INTCVEC | (PLATFORMS\_INTC\_VECSIZE, PLATFORMS\_INTC\_VECSIZE\_POW2) |
| **Definition** | |
| #define PLATFORMS\_ASM\_ALIGN\_INTCVEC Platforms\_align(PLATFORMS\_INTC\_VECSIZE, PLATFORMS\_INTC\_VECSIZE\_POW2) | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_ALIGN\_TEXT

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_ALIGN\_TEXT | (16,4) |
| **Definition** | |
| #define PLATFORMS\_ASM\_ALIGN\_TEXT Platforms\_align(16,4) | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_FUNCTION(fsymbol)

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_FUNCTION(fsymbol) | (fsymbol) .type fsymbol, @function |
| **Definition** | |
| #define PLATFORMS\_ASM\_FUNCTION(fsymbol) .type fsymbol, @function | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_OBJECT(fsymbol)

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_OBJECT(fsymbol) | (fsymbol) .type fsymbol, @object |
| **Definition** | |
| #define PLATFORMS\_ASM\_OBJECT(fsymbol) .type fsymbol, @object | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_SIZE(fsymbol)

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_SIZE(fsymbol) | (fsymbol) .size fsymbol, . - fsymbol |
| **Definition** | |
| #define PLATFORMS\_ASM\_SIZE(fsymbol) .size fsymbol, . - fsymbol | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_SRC\_END

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_SRC\_END | NA |
| **Definition** | |
| #define PLATFORMS\_ASM\_SRC\_END | |
| **Description** | |
| NA | |

### Platforms\_align(b, p2)

|  |  |
| --- | --- |
| Name | Value |
| Platforms\_align(b, | ALIGNROM p2 |
| **Definition** | |
| #define Platforms\_align(b, p2) ALIGNROM p2 | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_CODE\_THUMB

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_CODE\_THUMB | NA |
| **Definition** | |
| #define PLATFORMS\_ASM\_CODE\_THUMB | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_DATALABEL

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_DATALABEL | DATA |
| **Definition** | |
| #define PLATFORMS\_ASM\_DATALABEL DATA | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_END\_FUNC(name)

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_END\_FUNC(name) | (name) DATA |
| **Definition** | |
| #define PLATFORMS\_ASM\_END\_FUNC(name) DATA | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_FUNC(name)

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_FUNC(name) | (name) THUMB |
| **Definition** | |
| #define PLATFORMS\_ASM\_FUNC(name) THUMB | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_LABEL(name)

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_LABEL(name) | (name) name |
| **Definition** | |
| #define PLATFORMS\_ASM\_LABEL(name) name | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_SECTION\_BOOT\_CODE

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_SECTION\_BOOT\_CODE | :CODE |
| **Definition** | |
| #define PLATFORMS\_ASM\_SECTION\_BOOT\_CODE SECTION .boot\_code :CODE | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_SECTION\_DATA

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_SECTION\_DATA | .data |
| **Definition** | |
| #define PLATFORMS\_ASM\_SECTION\_DATA .data | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_SECTION\_EXCTAB

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_SECTION\_EXCTAB | :CODE |
| **Definition** | |
| #define PLATFORMS\_ASM\_SECTION\_EXCTAB SECTION .ExceptionTable :CODE | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_SECTION\_INTCTAB

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_SECTION\_INTCTAB | :CODE |
| **Definition** | |
| #define PLATFORMS\_ASM\_SECTION\_INTCTAB SECTION .InterruptTable :CODE | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_SECTION\_INTTAB

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_SECTION\_INTTAB | :CODE |
| **Definition** | |
| #define PLATFORMS\_ASM\_SECTION\_INTTAB SECTION .InterruptTable :CODE | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_SECTION\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_SECTION\_RESET | :CODE |
| **Definition** | |
| #define PLATFORMS\_ASM\_SECTION\_RESET SECTION .reset :CODE | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_SECTION\_RESET\_CODE

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_SECTION\_RESET\_CODE | :CODE |
| **Definition** | |
| #define PLATFORMS\_ASM\_SECTION\_RESET\_CODE SECTION .reset\_code :CODE | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_SECTION\_TEXT

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_SECTION\_TEXT | :CODE |
| **Definition** | |
| #define PLATFORMS\_ASM\_SECTION\_TEXT SECTION .startup :CODE | |
| **Description** | |
| NA | |

### PLATFORMS\_ASM\_SRC\_END

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ASM\_SRC\_END | END |
| **Definition** | |
| #define PLATFORMS\_ASM\_SRC\_END END | |
| **Description** | |
| NA | |

### PLATFORMS\_CAT\_COND(x,y)

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_CAT\_COND(x,y) | PLATFORMS\_INNER\_CAT\_COND(x,y) |
| **Definition** | |
| #define PLATFORMS\_CAT\_COND(x, y) PLATFORMS\_INNER\_CAT\_COND(x,y) | |
| **Description** | |
| NA | |

### Platforms\_extern

|  |  |
| --- | --- |
| Name | Value |
| Platforms\_extern | EXTERN |
| **Definition** | |
| #define Platforms\_extern EXTERN | |
| **Description** | |
| NA | |

### Platforms\_file(name)

|  |  |
| --- | --- |
| Name | Value |
| Platforms\_file(name) | (name) .file #name |
| **Definition** | |
| #define Platforms\_file(name) .file #name | |
| **Description** | |
| NA | |

### Platforms\_global

|  |  |
| --- | --- |
| Name | Value |
| Platforms\_global | PUBLIC |
| **Definition** | |
| #define Platforms\_global PUBLIC | |
| **Description** | |
| NA | |

### Platforms\_hi(x)

|  |  |
| --- | --- |
| Name | Value |
| Platforms\_hi(x) | (x) x@ha /\* For signed operations in combination with Platforms\_lo() \*/ |
| **Definition** | |
| #define Platforms\_hi(x) x@ha /\* For signed operations in combination with Platforms\_lo() \*/ | |
| **Description** | |
| NA | |

### PLATFORMS\_INNER\_CAT(x,y)

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_INNER\_CAT(x, | x><y |
| **Definition** | |
| #define PLATFORMS\_INNER\_CAT(x, y) x><y | |
| **Description** | |
| NA | |

### PLATFORMS\_INNER\_CAT\_COND(x,y)

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_INNER\_CAT\_COND(x, | x##y |
| **Definition** | |
| #define PLATFORMS\_INNER\_CAT\_COND(x, y) x##y | |
| **Description** | |
| NA | |

### Platforms\_lo(x)

|  |  |
| --- | --- |
| Name | Value |
| Platforms\_lo(x) | x@l |
| **Definition** | |
| #define Platforms\_lo(x) x@l | |
| **Description** | |
| NA | |

### Platforms\_sda(x)

|  |  |
| --- | --- |
| Name | Value |
| Platforms\_sda(x) | x@sdarx(0) |
| **Definition** | |
| #define Platforms\_sda(x) x@sdarx(0) | |
| **Description** | |
| NA | |

### PLATFORMS\_TOOL\_END\_FLASH\_API\_RAM

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_TOOL\_END\_FLASH\_API\_RAM | \_\_Flash\_API\_RAM\_SECTION\_END\_ADDR |
| **Definition** | |
| #define PLATFORMS\_TOOL\_END\_FLASH\_API\_RAM \_\_Flash\_API\_RAM\_SECTION\_END\_ADDR | |
| **Description** | |
| NA | |

### PLATFORMS\_TOOL\_ENDBSS

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_TOOL\_ENDBSS | (BSS$$Limit) |
| **Definition** | |
| #define PLATFORMS\_TOOL\_ENDBSS (BSS$$Limit) | |
| **Description** | |
| NA | |

### PLATFORMS\_TOOL\_ENDDATA

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_TOOL\_ENDDATA | (DATA$$Limit) |
| **Definition** | |
| #define PLATFORMS\_TOOL\_ENDDATA (DATA$$Limit) | |
| **Description** | |
| NA | |

### PLATFORMS\_TOOL\_ENDNOINIT

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_TOOL\_ENDNOINIT | (noinit$$Limit) |
| **Definition** | |
| #define PLATFORMS\_TOOL\_ENDNOINIT (noinit$$Limit) | |
| **Description** | |
| NA | |

### PLATFORMS\_TOOL\_INITDATA

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_TOOL\_INITDATA | (DATA\_init$$Base) |
| **Definition** | |
| #define PLATFORMS\_TOOL\_INITDATA (DATA\_init$$Base) | |
| **Description** | |
| NA | |

### PLATFORMS\_TOOL\_START\_FLASH\_API\_RAM

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_TOOL\_START\_FLASH\_API\_RAM | \_\_Flash\_API\_RAM\_SECTION\_START\_ADDR |
| **Definition** | |
| #define PLATFORMS\_TOOL\_START\_FLASH\_API\_RAM \_\_Flash\_API\_RAM\_SECTION\_START\_ADDR | |
| **Description** | |
| NA | |

### PLATFORMS\_TOOL\_STARTBSS

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_TOOL\_STARTBSS | (BSS$$Base) |
| **Definition** | |
| #define PLATFORMS\_TOOL\_STARTBSS (BSS$$Base) | |
| **Description** | |
| NA | |

### PLATFORMS\_TOOL\_STARTDATA

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_TOOL\_STARTDATA | (DATA$$Base) |
| **Definition** | |
| #define PLATFORMS\_TOOL\_STARTDATA (DATA$$Base) | |
| **Description** | |
| NA | |

### PLATFORMS\_TOOL\_STARTNOINIT

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_TOOL\_STARTNOINIT | (noinit$$Base) |
| **Definition** | |
| #define PLATFORMS\_TOOL\_STARTNOINIT (noinit$$Base) | |
| **Description** | |
| NA | |

### Platforms\_uhi(x)

|  |  |
| --- | --- |
| Name | Value |
| Platforms\_uhi(x) | x@h |
| **Definition** | |
| #define Platforms\_uhi(x) x@h /\* For unsigned operations in combination with Platforms\_lo() \*/ | |
| **Description** | |
| NA | |

### Platforms\_word

|  |  |
| --- | --- |
| Name | Value |
| Platforms\_word | DC32 |
| **Definition** | |
| #define Platforms\_word DC32 | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS0\_ESEL

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS0\_ESEL | \*/ |
| **Definition** | |
| #define PLATFORMS\_MAS0\_ESEL 0x000f0000 /\* Entry select for TLB1 \*/ | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS0\_ESEL1

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS0\_ESEL1 | 0x00010000 |
| **Definition** | |
| #define PLATFORMS\_MAS0\_ESEL1 0x00010000 | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS0\_NV

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS0\_NV | 0x0000000f |
| **Definition** | |
| #define PLATFORMS\_MAS0\_NV 0x0000000f | |
| **Description** | |
| Next victim for TLB1 (Copied to ESEL on TLB error) | |

### PLATFORMS\_MAS0\_TLB\_1

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS0\_TLB\_1 | 0x10000000 |
| **Definition** | |
| #define PLATFORMS\_MAS0\_TLB\_1 0x10000000 | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS0\_TLBSEL

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS0\_TLBSEL | 0x10000000 |
| **Definition** | |
| #define PLATFORMS\_MAS0\_TLBSEL 0x10000000 | |
| **Description** | |
| TLB selection (ignored by e200z6, set to 01 for future compatibility) | |

### PLATFORMS\_MAS1\_IPROT

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_IPROT | 0x40000000 |
| **Definition** | |
| #define PLATFORMS\_MAS1\_IPROT 0x40000000 | |
| **Description** | |
| Protection from invalidation | |

### PLATFORMS\_MAS1\_TID

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TID | 0x00ff0000 |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TID 0x00ff0000 | |
| **Description** | |
| TID (matches against PID, 0 matches all) | |

### PLATFORMS\_MAS1\_TS

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TS | 0x00001000 |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TS 0x00001000 | |
| **Description** | |
| Translation space (matches against IS or DS depending on access type) | |

### PLATFORMS\_MAS1\_TSIZE

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE | 0x00000f80 |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE 0x00000f80 | |
| **Description** | |
| Entry page size | |

### PLATFORMS\_MAS1\_TSIZE\_128K

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_128K | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(7) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_128K PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(7) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_128M

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_128M | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(17) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_128M PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(17) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_16K

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_16K | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(4) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_16K PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(4) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_16M

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_16M | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(14) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_16M PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(14) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_1G

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_1G | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(20) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_1G PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(20) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_1K

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_1K | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(0) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_1K PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(0) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_1M

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_1M | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(10) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_1M PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(10) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_256K

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_256K | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(8) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_256K PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(8) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_256M

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_256M | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(18) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_256M PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(18) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_2G

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_2G | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(21) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_2G PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(21) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_2K

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_2K | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(1) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_2K PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(1) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_2M

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_2M | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(11) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_2M PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(11) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_32K

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_32K | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(5) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_32K PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(5) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_32M

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_32M | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(15) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_32M PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(15) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_4G

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_4G | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(22) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_4G PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(22) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_4K

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_4K | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(2) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_4K PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(2) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_4M

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_4M | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(12) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_4M PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(12) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_512K

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_512K | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(9) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_512K PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(9) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_512M

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_512M | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(19) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_512M PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(19) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_64K

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_64K | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(6) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_64K PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(6) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_64M

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_64M | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(16) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_64M PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(16) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_8K

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_8K | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(3) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_8K PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(3) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_8M

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_8M | PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(13) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_8M PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(13) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(x)

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(x) | ((x)<<7) |
| **Definition** | |
| #define PLATFORMS\_MAS1\_TSIZE\_REG\_VAL(x) ((x)<<7) | |
| **Description** | |
| NA | |

### PLATFORMS\_MAS1\_VALID

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS1\_VALID | 0x80000000 |
| **Definition** | |
| #define PLATFORMS\_MAS1\_VALID 0x80000000 | |
| **Description** | |
| TLB entry is valid (if 1) | |

### PLATFORMS\_MAS2\_E

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS2\_E | 0x00000001 |
| **Definition** | |
| #define PLATFORMS\_MAS2\_E 0x00000001 | |
| **Description** | |
| Endianness (0=big, 1=little) | |

### PLATFORMS\_MAS2\_EPN

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS2\_EPN | 0xfffffc00 |
| **Definition** | |
| #define PLATFORMS\_MAS2\_EPN 0xfffffc00 | |
| **Description** | |
| Effective page number | |

### PLATFORMS\_MAS2\_G

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS2\_G | (0x00000002 |
| **Definition** | |
| #define PLATFORMS\_MAS2\_G 0x00000002 | |
| **Description** | |
| Guarded (for speculative processing, not on e200z6) | |

### PLATFORMS\_MAS2\_I

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS2\_I | 0x00000008 |
| **Definition** | |
| #define PLATFORMS\_MAS2\_I 0x00000008 | |
| **Description** | |
| Cache-inhibit | |

### PLATFORMS\_MAS2\_M

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS2\_M | 0x00000004 |
| **Definition** | |
| #define PLATFORMS\_MAS2\_M 0x00000004 | |
| **Description** | |
| Memory coherence required (not supported on e200z6) | |

### PLATFORMS\_MAS2\_VLE

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS2\_VLE | 0x00000020 |
| **Definition** | |
| #define PLATFORMS\_MAS2\_VLE 0x00000020 | |
| **Description** | |
| VLE | |

### PLATFORMS\_MAS2\_W

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS2\_W | 0x00000010 |
| **Definition** | |
| #define PLATFORMS\_MAS2\_W 0x00000010 | |
| **Description** | |
| Writethrough | |

### PLATFORMS\_MAS3\_PERMIS

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS3\_PERMIS | 0x0000003f |
| **Definition** | |
| #define PLATFORMS\_MAS3\_PERMIS 0x0000003f | |
| **Description** | |
| Permission bits | |

### PLATFORMS\_MAS3\_RPN

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS3\_RPN | 0xfffffc00 |
| **Definition** | |
| #define PLATFORMS\_MAS3\_RPN 0xfffffc00 | |
| **Description** | |
| Real page number | |

### PLATFORMS\_MAS3\_SR

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS3\_SR | 0x00000001 |
| **Definition** | |
| #define PLATFORMS\_MAS3\_SR 0x00000001 | |
| **Description** | |
| Supervisor read | |

### PLATFORMS\_MAS3\_SW

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS3\_SW | 0x00000004 |
| **Definition** | |
| #define PLATFORMS\_MAS3\_SW 0x00000004 | |
| **Description** | |
| Supervisor write | |

### PLATFORMS\_MAS3\_SX

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS3\_SX | 0x00000010 |
| **Definition** | |
| #define PLATFORMS\_MAS3\_SX 0x00000010 | |
| **Description** | |
| Supervisor execute | |

### PLATFORMS\_MAS3\_U

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS3\_U | 0x000003c0 |
| **Definition** | |
| #define PLATFORMS\_MAS3\_U 0x000003c0 | |
| **Description** | |
| User bits | |

### PLATFORMS\_MAS3\_U1

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS3\_U1 | 0x00000040 |
| **Definition** | |
| #define PLATFORMS\_MAS3\_U1 0x00000040 | |
| **Description** | |
| User bits with value b0001 | |

### PLATFORMS\_MAS3\_UR

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS3\_UR | 0x00000002 |
| **Definition** | |
| #define PLATFORMS\_MAS3\_UR 0x00000002 | |
| **Description** | |
| User read | |

### PLATFORMS\_MAS3\_UW

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS3\_UW | 0x00000008 |
| **Definition** | |
| #define PLATFORMS\_MAS3\_UW 0x00000008 | |
| **Description** | |
| User write | |

### PLATFORMS\_MAS3\_UX

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS3\_UX | 0x00000020 |
| **Definition** | |
| #define PLATFORMS\_MAS3\_UX | |
| **Description** | |
| User execute | |

### PLATFORMS\_MAS4\_DWIMGE

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS4\_DWIMGE | 0x0000003f |
| **Definition** | |
| #define PLATFORMS\_MAS4\_DWIMGE 0x0000003f | |
| **Description** | |
| Default WIMGE values | |

### PLATFORMS\_MAS4\_TIDSELD

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS4\_TIDSELD | 0x00030000 |
| **Definition** | |
| #define PLATFORMS\_MAS4\_TIDSELD 0x00030000 | |
| **Description** | |
| Default PID# to load TID from (00 = PID0, 11 = zero, 10 & 01 reserved) | |

### PLATFORMS\_MAS4\_TLBSELD

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS4\_TLBSELD | 0x30000000 |
| **Definition** | |
| #define PLATFORMS\_MAS4\_TLBSELD 0x30000000 | |
| **Description** | |
| Default TLB selected (use 01 for e200z6) | |

### PLATFORMS\_MAS4\_TSIZED

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS4\_TSIZED | 0x00000f80 |
| **Definition** | |
| #define PLATFORMS\_MAS4\_TSIZED 0x00000f80 | |
| **Description** | |
| Default TSIZE value | |

### PLATFORMS\_MAS6\_SAS

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS6\_SAS | 0x00000001 |
| **Definition** | |
| #define PLATFORMS\_MAS6\_SAS 0x00000001 | |
| **Description** | |
| AS value for searches | |

### PLATFORMS\_MAS6\_SPID

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MAS6\_SPID | 0x00ff0000 |
| **Definition** | |
| #define PLATFORMS\_MAS6\_SPID 0x00ff0000 | |
| **Description** | |
| PID value for searches | |

### PLATFORMS\_MMU\_CREATE\_TLB\_MAP(effectiveAddress,

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MMU\_CREATE\_TLB\_MAP(effectiveAddress, | (effectiveAddress, realAddress, pageSize, accessRights, flags) PLATFORMS\_MAS1\_VALID|(pageSize),((effectiveAddress)&PLATFORMS\_MAS2\_EPN)|(flags),((realAddress)&PLATFORMS\_MAS3\_RPN)|(accessRights) |
| **Definition** | |
| #define PLATFORMS\_MMU\_CREATE\_TLB\_MAP(effectiveAddress, realAddress, pageSize, accessRights, flags) PLATFORMS\_MAS1\_VALID|(pageSize),((effectiveAddress)&PLATFORMS\_MAS2\_EPN)|(flags),((realAddress)&PLATFORMS\_MAS3\_RPN)|(accessRights) | |
| **Description** | |
| NA | |

### PLATFORMS\_MMU\_CREATE\_TLB\_SET(startAddress,

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MMU\_CREATE\_TLB\_SET(startAddress, | (startAddress, pageSize, accessRights, flags) PLATFORMS\_MAS1\_VALID|(pageSize),((startAddress)&PLATFORMS\_MAS2\_EPN)|(flags),((startAddress)&PLATFORMS\_MAS3\_RPN)|(accessRights) |
| **Definition** | |
| #define PLATFORMS\_MMU\_CREATE\_TLB\_SET(startAddress, pageSize, accessRights, flags) PLATFORMS\_MAS1\_VALID|(pageSize),((startAddress)&PLATFORMS\_MAS2\_EPN)|(flags),((startAddress)&PLATFORMS\_MAS3\_RPN)|(accessRights) | |
| **Description** | |
| NA | |

### PLATFORMS\_MMU\_MAS0\_DEFAULT(tlbIndex)

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MMU\_MAS0\_DEFAULT(tlbIndex) | (tlbIndex) (PLATFORMS\_MAS0\_TLBSEL|((tlbIndex)<<16)|PLATFORMS\_MAS0\_NV) |
| **Definition** | |
| #define PLATFORMS\_MMU\_MAS0\_DEFAULT(tlbIndex) (PLATFORMS\_MAS0\_TLBSEL|((tlbIndex)<<16)|PLATFORMS\_MAS0\_NV) | |
| **Description** | |
| NA | |

### PLATFORMS\_MMU\_MEM\_FLASH\_FLAGS

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MMU\_MEM\_FLASH\_FLAGS | (0x0) |
| **Definition** | |
| #define PLATFORMS\_MMU\_MEM\_FLASH\_FLAGS (0x0) | |
| **Description** | |
| NA | |

### PLATFORMS\_MMU\_MEM\_IO\_FLAGS

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MMU\_MEM\_IO\_FLAGS | (0x0 | PLATFORMS\_MAS2\_W | PLATFORMS\_MAS2\_I | PLATFORMS\_MAS2\_M | PLATFORMS\_MAS2\_G) |
| **Definition** | |
| #define PLATFORMS\_MMU\_MEM\_IO\_FLAGS (0x0 | PLATFORMS\_MAS2\_W | PLATFORMS\_MAS2\_I | PLATFORMS\_MAS2\_M | PLATFORMS\_MAS2\_G) | |
| **Description** | |
| NA | |

### PLATFORMS\_MMU\_MEM\_RAM\_FLAGS

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MMU\_MEM\_RAM\_FLAGS | (0x0 | PLATFORMS\_MAS2\_I) |
| **Definition** | |
| #define PLATFORMS\_MMU\_MEM\_RAM\_FLAGS (0x0 | PLATFORMS\_MAS2\_I) | |
| **Description** | |
| NA | |

### PLATFORMS\_1\_2\_HV\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_1\_2\_HV\_RESET | 0x06U |
| **Definition** | |
| #define PLATFORMS\_1\_2\_HV\_RESET 0x06U | |
| **Description** | |
| 1.2 V high-voltage detected event | |

### PLATFORMS\_1\_2\_LV\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_1\_2\_LV\_RESET | 0x05U |
| **Definition** | |
| #define PLATFORMS\_1\_2\_LV\_RESET 0x05U | |
| **Description** | |
| 1.2 V low-voltage detected event | |

### PLATFORMS\_2\_7\_LV\_FLASH\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_2\_7\_LV\_FLASH\_RESET | 0x08U |
| **Definition** | |
| #define PLATFORMS\_2\_7\_LV\_FLASH\_RESET 0x08U | |
| **Description** | |
| 2.7 V low-voltage detected event (FLASH) | |

### PLATFORMS\_2\_7\_LV\_IO\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_2\_7\_LV\_IO\_RESET | 0x09U |
| **Definition** | |
| #define PLATFORMS\_2\_7\_LV\_IO\_RESET 0x09U | |
| **Description** | |
| 2.7 V low-voltage detected event (I/O) | |

### PLATFORMS\_2\_7\_LV\_VREG\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_2\_7\_LV\_VREG\_RESET | 0x07U |
| **Definition** | |
| #define PLATFORMS\_2\_7\_LV\_VREG\_RESET 0x07U | |
| **Description** | |
| 2.7 V low-voltage detected event (VREG) | |

### PLATFORMS\_ccs

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ccs | 7 |
| **Definition** | |
| #define PLATFORMS\_ccs 7 | |
| **Description** | |
| NA | |

### PLATFORMS\_CMU12\_FHL\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_CMU12\_FHL\_RESET | 0x13U |
| **Definition** | |
| #define PLATFORMS\_CMU12\_FHL\_RESET 0x13U | |
| **Description** | |
| CMU 1/2 clock frequence too high/low event | |

### PLATFORMS\_CMU\_FHL\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_CMU\_FHL\_RESET | 0x0FU |
| **Definition** | |
| #define PLATFORMS\_CMU\_FHL\_RESET 0x0FU | |
| **Description** | |
| CMU0 clock frequency higher/lower than reference event | |

### PLATFORMS\_CMU\_OLR\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_CMU\_OLR\_RESET | 0x0EU |
| **Definition** | |
| #define PLATFORMS\_CMU\_OLR\_RESET 0x0EU | |
| **Description** | |
| Oscillator frequency lower than reference event | |

### PLATFORMS\_CORE\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_CORE\_RESET | 0x0BU |
| **Definition** | |
| #define PLATFORMS\_CORE\_RESET 0x0BU | |
| **Description** | |
| CORE reset event | |

### PLATFORMS\_csp

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_csp | 9 |
| **Definition** | |
| #define PLATFORMS\_csp 9 | |
| **Description** | |
| NA | |

### PLATFORMS\_CWD\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_CWD\_RESET | 0x0CU |
| **Definition** | |
| #define PLATFORMS\_CWD\_RESET 0x0CU | |
| **Description** | |
| Watchdog reset event | |

### PLATFORMS\_dcc

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_dcc | 2 |
| **Definition** | |
| #define PLATFORMS\_dcc 2 | |
| **Description** | |
| NA | |

### PLATFORMS\_EXR\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_EXR\_RESET | 0x17U |
| **Definition** | |
| #define PLATFORMS\_EXR\_RESET 0x17U | |
| **Description** | |
| External reset event | |

### PLATFORMS\_FCCU\_HARD\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_FCCU\_HARD\_RESET | 0x16U |
| **Definition** | |
| #define PLATFORMS\_FCCU\_HARD\_RESET 0x16U | |
| **Description** | |
| FCCU hard reaction request event | |

### PLATFORMS\_FCCU\_SAFE\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_FCCU\_SAFE\_RESET | 0x10U |
| **Definition** | |
| #define PLATFORMS\_FCCU\_SAFE\_RESET 0x10U | |
| **Description** | |
| FCCU safe mode event | |

### PLATFORMS\_FCCU\_SOFT\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_FCCU\_SOFT\_RESET | 0x15U |
| **Definition** | |
| #define PLATFORMS\_FCCU\_SOFT\_RESET 0x15U | |
| **Description** | |
| FCCU soft reaction request event | |

### PLATFORMS\_FL\_ECC\_RCC\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_FL\_ECC\_RCC\_RESET | 0x12U |
| **Definition** | |
| #define PLATFORMS\_FL\_ECC\_RCC\_RESET 0x12U | |
| **Description** | |
| flash, ECC or lock-step error event | |

### PLATFORMS\_gnu

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_gnu | 1 |
| **Definition** | |
| #define PLATFORMS\_gnu 1 | |
| **Description** | |
| NA | |

### PLATFORMS\_JTAG\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_JTAG\_RESET | 0x0AU |
| **Definition** | |
| #define PLATFORMS\_JTAG\_RESET 0x0AU | |
| **Description** | |
| JTAG initiated reset event | |

### PLATFORMS\_MASK\_CHECKSTOP\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_CHECKSTOP\_RESET | ((uint32)0x00080000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_CHECKSTOP\_RESET ((uint32)0x00080000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_CMU0\_FHL\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_CMU0\_FHL\_RESET | ((uint32)0x00400000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_CMU0\_FHL\_RESET ((uint32)0x00400000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_CMU0\_OLR\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_CMU0\_OLR\_RESET | ((uint32)0x00200000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_CMU0\_OLR\_RESET ((uint32)0x00200000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_CMU12\_FHL\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_CMU12\_FHL\_RESET | ((uint32)0x08000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_CMU12\_FHL\_RESET ((uint32)0x08000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_COMP\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_COMP\_RESET | ((uint32)0x00000080UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_COMP\_RESET ((uint32)0x00000080UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_CORE\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_CORE\_RESET | ((uint32)0x00020000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_CORE\_RESET ((uint32)0x00020000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_CWD\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_CWD\_RESET | ((uint32)0x00080000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_CWD\_RESET ((uint32)0x00080000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_EXT\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_EXT\_RESET | ((uint32)0x80000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_EXT\_RESET ((uint32)0x80000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_FCCU\_HARD\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_FCCU\_HARD\_RESET | ((uint32)0x40000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_FCCU\_HARD\_RESET ((uint32)0x40000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_FCCU\_SAFE\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_FCCU\_SAFE\_RESET | ((uint32)0x00800000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_FCCU\_SAFE\_RESET ((uint32)0x00800000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_FCCU\_SOFT\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_FCCU\_SOFT\_RESET | ((uint32)0x20000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_FCCU\_SOFT\_RESET ((uint32)0x20000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_FL\_ECC\_RCC\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_FL\_ECC\_RCC\_RESET | ((uint32)0x04000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_FL\_ECC\_RCC\_RESET ((uint32)0x04000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_FLASH\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_FLASH\_RESET | ((uint32)0x01000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_FLASH\_RESET ((uint32)0x01000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_HVD12\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_HVD12\_RESET | ((uint32)0x00000002UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_HVD12\_RESET ((uint32)0x00000002UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_JTAG\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_JTAG\_RESET | ((uint32)0x00010000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_JTAG\_RESET ((uint32)0x00010000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_LVD12\_PD0\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_LVD12\_PD0\_RESET | ((uint32)0x00000001UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_LVD12\_PD0\_RESET ((uint32)0x00000001UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_LVD12\_PD1\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_LVD12\_PD1\_RESET | ((uint32)0x00000002UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_LVD12\_PD1\_RESET ((uint32)0x00000002UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_LVD12\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_LVD12\_RESET | ((uint32)0x00000001UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_LVD12\_RESET ((uint32)0x00000001UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_LVD27\_ADC\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_LVD27\_ADC\_RESET | ((uint32)0x00000080UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_LVD27\_ADC\_RESET ((uint32)0x00000080UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_LVD27\_FLASH\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_LVD27\_FLASH\_RESET | ((uint32)0x00000020UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_LVD27\_FLASH\_RESET ((uint32)0x00000020UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_LVD27\_IO\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_LVD27\_IO\_RESET | ((uint32)0x00000040UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_LVD27\_IO\_RESET ((uint32)0x00000040UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_LVD27\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_LVD27\_RESET | ((uint32)0x00000008UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_LVD27\_RESET ((uint32)0x00000008UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_LVD27\_VREG\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_LVD27\_VREG\_RESET | ((uint32)0x00000010UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_LVD27\_VREG\_RESET ((uint32)0x00000010UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_LVD45\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_LVD45\_RESET | ((uint32)0x00800000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_LVD45\_RESET ((uint32)0x00800000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_PLL0\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_PLL0\_RESET | ((uint32)0x00100000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_PLL0\_RESET ((uint32)0x00100000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_PLL1\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_PLL1\_RESET | ((uint32)0x02000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_PLL1\_RESET ((uint32)0x02000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_POR\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_POR\_RESET | ((uint32)0x00008000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_POR\_RESET ((uint32)0x00008000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_SOFT\_DEST\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_SOFT\_DEST\_RESET | ((uint32)0x00004000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_SOFT\_DEST\_RESET ((uint32)0x00004000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_SOFT\_FUNC\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_SOFT\_FUNC\_RESET | ((uint32)0x00040000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_SOFT\_FUNC\_RESET ((uint32)0x00040000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_ST\_CF\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_ST\_CF\_RESET | ((uint32)0x20000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_ST\_CF\_RESET ((uint32)0x20000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_ST\_DONE\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_ST\_DONE\_RESET | ((uint32)0x10000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_ST\_DONE\_RESET ((uint32)0x10000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_ST\_NCF\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_ST\_NCF\_RESET | ((uint32)0x40000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_ST\_NCF\_RESET ((uint32)0x40000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_SWT1\_D\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_SWT1\_D\_RESET | ((uint32)0x00000008UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_SWT1\_D\_RESET ((uint32)0x00000008UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_SWT\_D\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_SWT\_D\_RESET | ((uint32)0x00000004UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_SWT\_D\_RESET ((uint32)0x00000004UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_SWT\_F\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_SWT\_F\_RESET | ((uint32)0x01000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_SWT\_F\_RESET ((uint32)0x01000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MASK\_Z4CORE\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MASK\_Z4CORE\_RESET | ((uint32)0x04000000UL) |
| **Definition** | |
| #define PLATFORMS\_MASK\_Z4CORE\_RESET ((uint32)0x04000000UL) | |
| **Description** | |
| NA | |

### PLATFORMS\_MCU\_IDLE

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MCU\_IDLE | 0x00 |
| **Definition** | |
| #define PLATFORMS\_MCU\_IDLE 0x00 | |
| **Description** | |
| NA | |

### PLATFORMS\_MCU\_SLEEP

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MCU\_SLEEP | 0x01 |
| **Definition** | |
| #define PLATFORMS\_MCU\_SLEEP 0x01 | |
| **Description** | |
| NA | |

### PLATFORMS\_MCU\_STANDBY

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_MCU\_STANDBY | 0x02 |
| **Definition** | |
| #define PLATFORMS\_MCU\_STANDBY 0x02 | |
| **Description** | |
| NA | |

### PLATFORMS\_multi

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_multi | 3 |
| **Definition** | |
| #define PLATFORMS\_multi 3 | |
| **Description** | |
| NA | |

### PLATFORMS\_mwerks

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_mwerks | 6 |
| **Definition** | |
| #define PLATFORMS\_mwerks 6 | |
| **Description** | |
| NA | |

### PLATFORMS\_PLL0\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_PLL0\_RESET | 0x0DU |
| **Definition** | |
| #define PLATFORMS\_PLL0\_RESET 0x0DU | |
| **Description** | |
| PLL0 fail event | |

### PLATFORMS\_PLL1\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_PLL1\_RESET | 0x11U |
| **Definition** | |
| #define PLATFORMS\_PLL1\_RESET 0x11U | |
| **Description** | |
| PLL1 fail event | |

### PLATFORMS\_POWER\_ON\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_POWER\_ON\_RESET | 0x00U |
| **Definition** | |
| #define PLATFORMS\_POWER\_ON\_RESET 0x00U | |
| **Description** | |
| Power on reset event | |

### PLATFORMS\_RESET\_UNDEFINED

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_RESET\_UNDEFINED | 0x03U |
| **Definition** | |
| #define PLATFORMS\_RESET\_UNDEFINED 0x03U | |
| **Description** | |
| Undefined reset source | |

### PLATFORMS\_RGM\_DES\_REG\_MASK

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_RGM\_DES\_REG\_MASK | ((uint16)0xFFFFU) |
| **Definition** | |
| #define PLATFORMS\_RGM\_DES\_REG\_MASK ((uint16)0xFFFFU) | |
| **Description** | |
| NA | |

### PLATFORMS\_RGM\_FES\_REG\_MASK

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_RGM\_FES\_REG\_MASK | ((uint16)0xFFFFU) |
| **Definition** | |
| #define PLATFORMS\_RGM\_FES\_REG\_MASK ((uint16)0xFFFFU) | |
| **Description** | |
| NA | |

### PLATFORMS\_SOFT\_DEST\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_SOFT\_DEST\_RESET | 0x04U |
| **Definition** | |
| #define PLATFORMS\_SOFT\_DEST\_RESET 0x04U | |
| **Description** | |
| Software destructive reset | |

### PLATFORMS\_softune

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_softune | 5 |
| **Definition** | |
| #define PLATFORMS\_softune 5 | |
| **Description** | |
| NA | |

### PLATFORMS\_ST\_DONE\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ST\_DONE\_RESET | 0x14U |
| **Definition** | |
| #define PLATFORMS\_ST\_DONE\_RESET 0x14U | |
| **Description** | |
| Self-test completed event | |

### PLATFORMS\_SW\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_SW\_RESET | 0x01U |
| **Definition** | |
| #define PLATFORMS\_SW\_RESET 0x01U | |
| **Description** | |
| Software Reset event | |

### PLATFORMS\_tasking

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_tasking | 4 |
| **Definition** | |
| #define PLATFORMS\_tasking 4 | |
| **Description** | |
| NA | |

### PLATFORMS\_ticgt

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_ticgt | 8 |
| **Definition** | |
| #define PLATFORMS\_ticgt 8 | |
| **Description** | |
| NA | |

### PLATFORMS\_WATCHDOG\_RESET

|  |  |
| --- | --- |
| Name | Value |
| PLATFORMS\_WATCHDOG\_RESET | 0x01U |
| **Definition** | |
| #define PLATFORMS\_WATCHDOG\_RESET 0x01U | |
| **Description** | |
| Internal Watchdog Timer reset event | |

### APP\_START\_ADDR

|  |  |
| --- | --- |
| Name | Value |
| APP\_START\_ADDR | 0x00020004U |
| **Definition** | |
| #define APP\_START\_ADDR 0x00020004U | |
| **Description** | |
| Application start address. | |

# EEPROM

# Configuration

# Compilation Options