EFuse_ComCnvRx

[COMP]

RB Internal

I [EFuse_ComCnvRx]

1 Function Definition

1.1 Purpose

EFuse Function develope introduction

1.2 Introduction

GAC ZCU Project Common EFuse Function:EFuse_ComCnvRx

2 Function Description

2.1 Behavior in normal mode
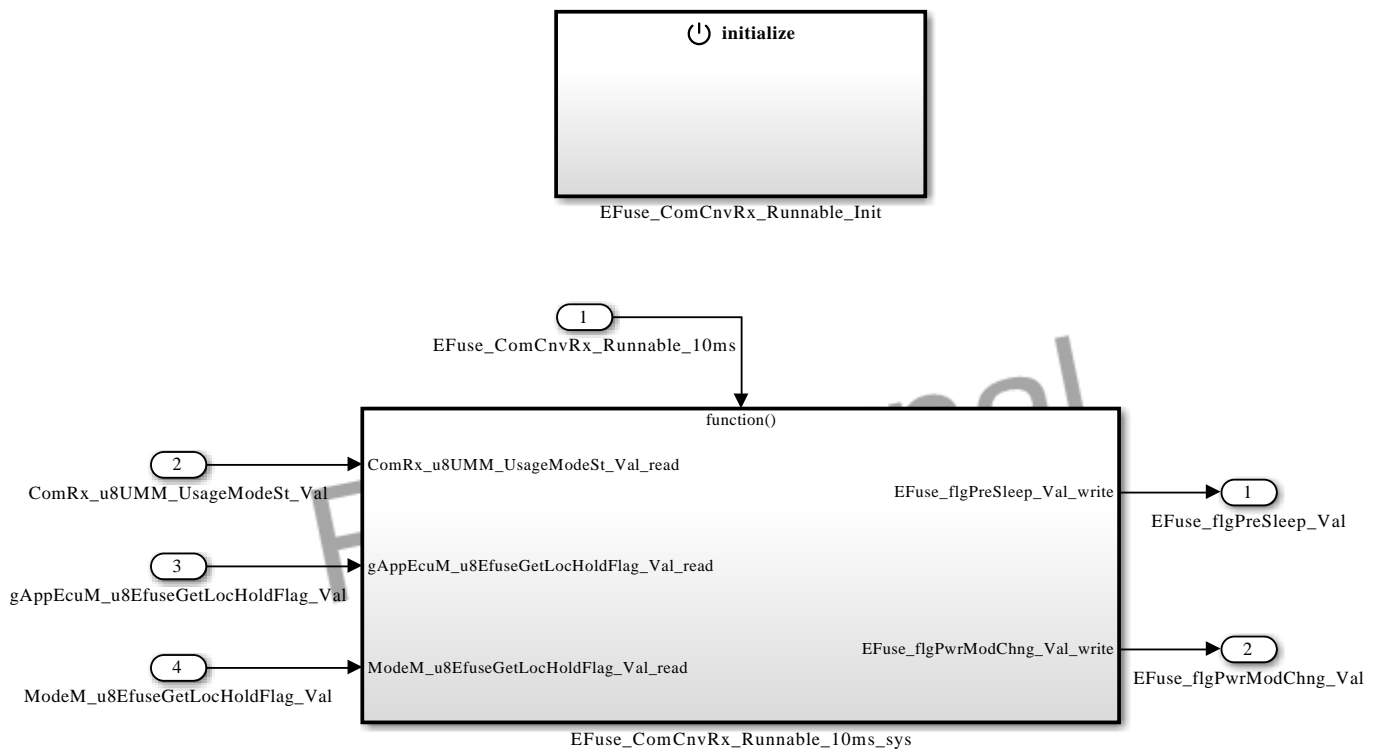
Figure 1 EFuse_ComCnvRx [EFuse_ComCnvRx]

Figure 2 EFuse_ComCnvRx_EFuse_ComCnvRx_Runnable_Init [EFuse_ComCnvRx_EFuse_ComCnvRx_Runnable_Init]

Figure 3 EFuse_ComCnvRx_EFuse_ComCnvRx_Runnable_10ms_sys [EFuse_ComCnvRx_EFuse_ComCnvRx_Runnable_10ms_sys]
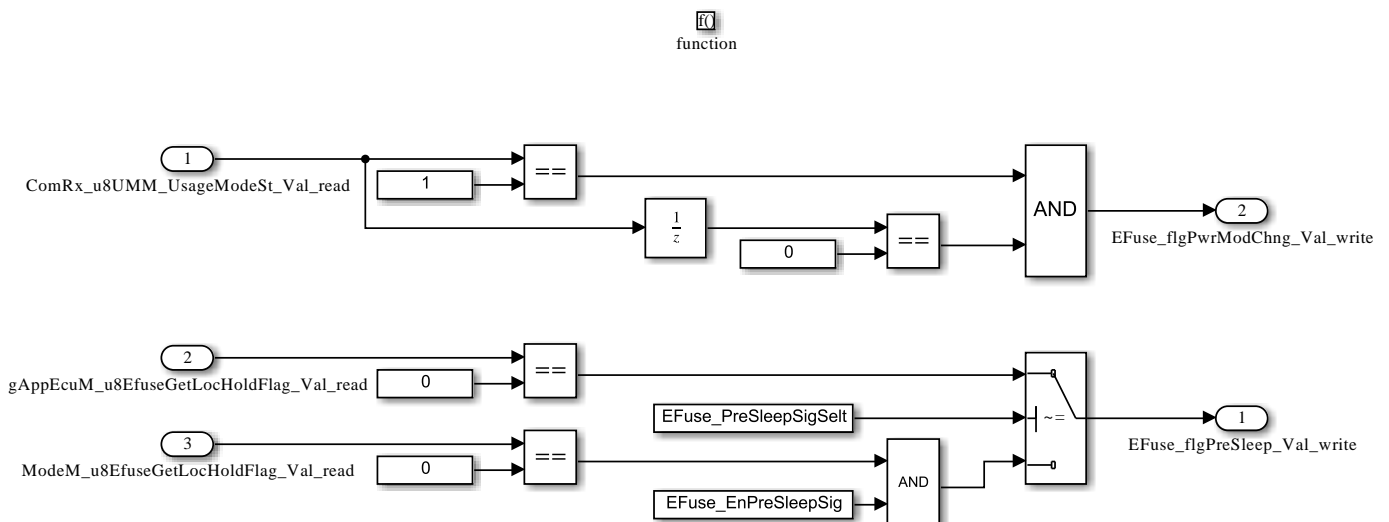
Table 1 Data Types for port interfaces [PortInterfaceDataTypes]

Port	AccessMode	Interface	DE	Datatype
ComRx_u8UMM_UsageMo-deSt	ImplicitReceive	ComRx_u8UMM_UsageMo-deSt	Val	uint8
gAppEcuM_u8EfuseGetLo-cHoldFlag	ImplicitReceive	gAppEcuM_u8EfuseGetLo-cHoldFlag	Val	uint8
ModeM_u8EfuseGetLo-cHoldFlag	ImplicitReceive	ModeM_u8EfuseGetLo-cHoldFlag	Val	uint8
EFuse_flgPreSleep	ImplicitSend	EFuse_flgPreSleep	Val	boolean
EFuse_flgPwrModChng	ImplicitSend	EFuse_flgPwrModChng	Val	boolean

3 Conversion forms

Table 2 Conversion forms

Name	Category	Unit	Contents int
CM_boolean	TEXTTABLE	NoUnit	(FALSE,0),(TRUE,1)

4 Ports and Interfaces

4.1 Sender Receiver Interface and Ports

4.1.1 Incoming

Table 3 Incoming

Port	Variable	Description	Type
ComRx_u8UMM_UsageModeSt	Val		VALUE
gAppEcuM_u8EfuseGetLocHoldFlag	Val		VALUE
ModeM_u8EfuseGetLocHoldFlag	Val		VALUE

4.1.2 Outgoing

Table 4 Outgoing

Port	Variable	Description	Type
EFuse_flgPreSleep	Val		VALUE
EFuse_flgPwrModChng	Val		VALUE

BOSCH

II Production Note

Table 5 Configuration chosen for DocuNG

Parameter	Value
User	
Project Name	EFuse_ComCnvRx
Generator Mode	Continue on non-fatal error
Ascet graphic generator engine	UnifiedGraphicGenerator
Matlab graphic generator engine	UnifiedGraphicGenerator
DocType	Det-SwCalDoc
Condition Evaluation	true
Sorting Algorithm	Config Order
Title Page Logo	
Print Algorithms To Review	true
Support Fallback Language	true
Print List Of Converted System Constants	true
Include Function Information Chapter	true
Create Label Alias Mapping	false
HTML	false
PDF	true
PDF: Language	EN - English
PDF: Links in Graphics	true
PDF: Line Numbers	false
PDF: Confidential Level 2	true
PDF: Docu Security Option	false
EHB	false

Table 6 Version Information

Program Module	Version
Product	AEEE-Pro 2020.1.2