

KL15PwrSply_ComCnvTx | 2022-10-17

KL15PwrSply_ComCnvTx

[COMP]

RB Internal

I [KL15PwrSply_ComCnvTx]

1 Descrizione della funzione

1.1

Figure 1 [KL15PwrSply_ComCnvTx]

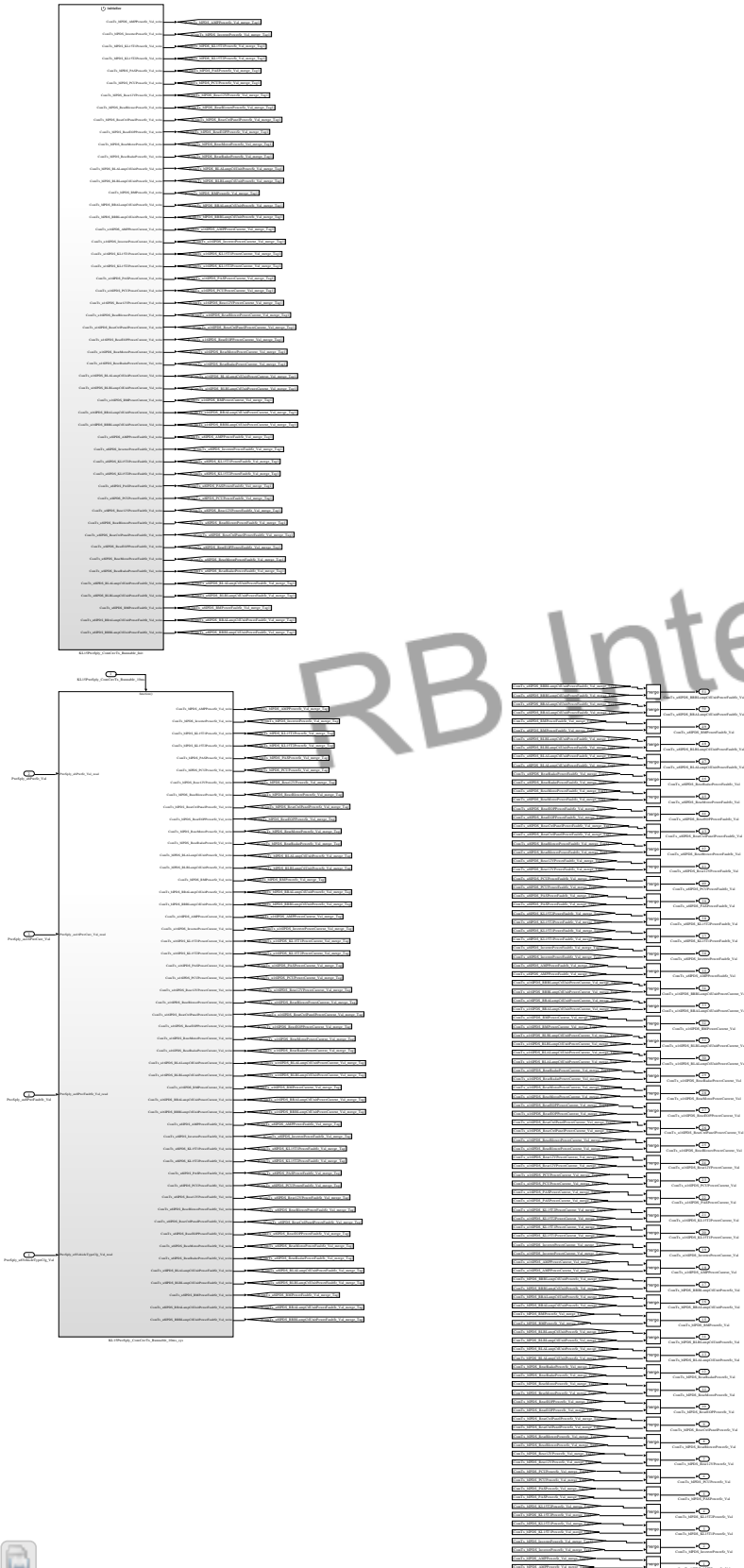
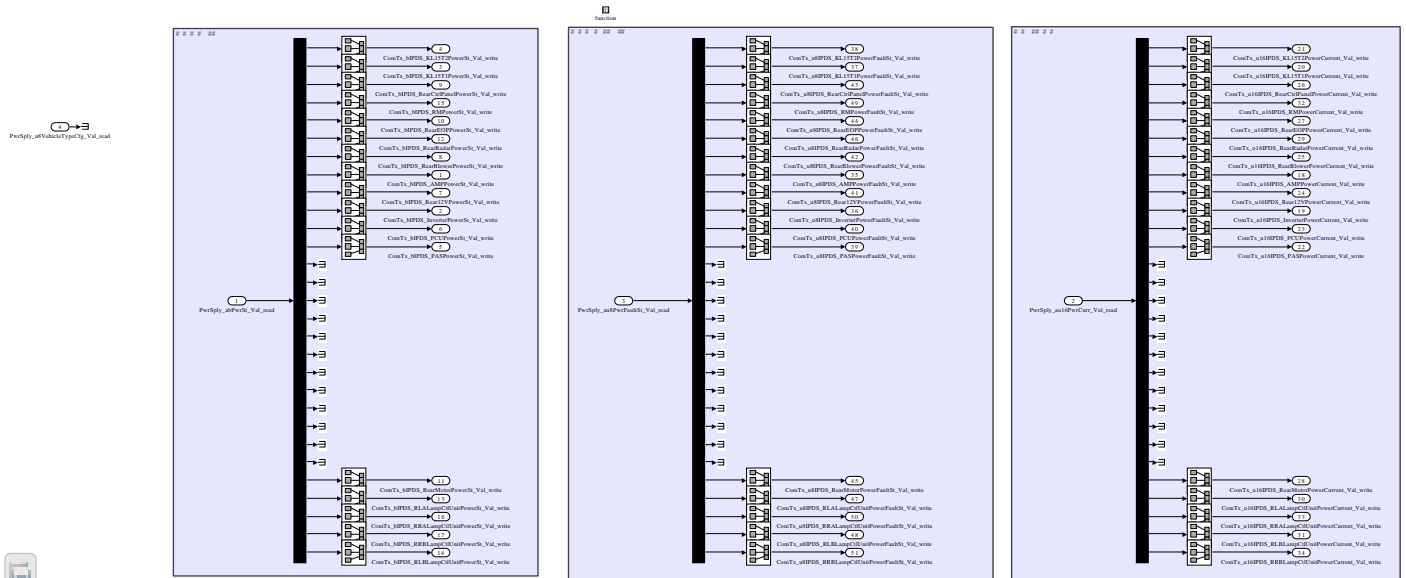


Figure 2 [KL15PwrSply_ComCnvTx_KL15PwrSply_ComCnvTx_Runnable_10ms_sys]



RB Internal



Figure 3 [KL15PwrSply_ComCnvTx_KL15PwrSply_ComCnvTx_Runnable_Init]



2 Formule di conversione

Table 1 Formule di conversione

Name	Categoria	Unita di misura	Contenuto int
CM_Curr_Ampr	LINEAR	Curr_A	

Name	Categoria	Unita di misura	Contenuto int
CM_boolean	TEXTTABLE	NoUnit	(FALSE,0),(TRUE,1)

3 Ports and Interfaces

3.1 Sender Receiver Interface and Ports

3.1.1 Incoming

Table 2 Incoming

Port	Variable	Description	Type
PwrSply_abPwrSt	Val		ARRAY
PwrSply_au16PwrCurr	Val		ARRAY
PwrSply_au8PwrFaultSt	Val		ARRAY
PwrSply_u8VehicleTypeCfg	Val		VALUE

3.1.2 Outgoing

Table 3 Outgoing

Port	Variable	Description	Type
ComTx_bIPDS_AMPPowerSt	Val		VALUE
ComTx_bIPDS_InverterPowerSt	Val		VALUE
ComTx_bIPDS_KL15T1PowerSt	Val		VALUE
ComTx_bIPDS_KL15T2PowerSt	Val		VALUE
ComTx_bIPDS_PASPowerSt	Val		VALUE
ComTx_bIPDS_PCUPowerSt	Val		VALUE
ComTx_bIPDS_Rear12VPowerSt	Val		VALUE
ComTx_bIPDS_RearBlowerPowerSt	Val		VALUE
ComTx_bIPDS_RearCtrlPanelPowerSt	Val		VALUE
ComTx_bIPDS_RearEOPowerSt	Val		VALUE
ComTx_bIPDS_RearMotorPowerSt	Val		VALUE
ComTx_bIPDS_RearRadarPowerSt	Val		VALUE
ComTx_bIPDS_RLALampCtlUnitPowerSt	Val		VALUE
ComTx_bIPDS_RLBLampCtlUnitPowerSt	Val		VALUE
ComTx_bIPDS_RMPowerSt	Val		VALUE
ComTx_bIPDS_RRALampCtlUnitPowerSt	Val		VALUE
ComTx_bIPDS_RRBLampCtlUnitPowerSt	Val		VALUE
ComTx_u16IPDS_AMPPowerCurrent	Val		VALUE
ComTx_u16IPDS_InverterPowerCurrent	Val		VALUE
ComTx_u16IPDS_KL15T1PowerCurrent	Val		VALUE
ComTx_u16IPDS_KL15T2PowerCurrent	Val		VALUE
ComTx_u16IPDS_PASPowerCurrent	Val		VALUE
ComTx_u16IPDS_PCUPowerCurrent	Val		VALUE
ComTx_u16IPDS_Rear12VPowerCurrent	Val		VALUE
ComTx_u16IPDS_RearBlowerPowerCurrent	Val		VALUE
ComTx_u16IPDS_RearCtrlPanelPowerCurrent	Val		VALUE

Port	Variable	Description	Type
ComTx_u16IPDS_RearEOPPower-Current	Val		VALUE
ComTx_u16IPDS_RearMotorPower-Current	Val		VALUE
ComTx_u16IPDS_RearRadarPower-Current	Val		VALUE
ComTx_u16IPDS_RLALampCtlUnit-PowerCurrent	Val		VALUE
ComTx_u16IPDS_RLBLampCtlUnit-PowerCurrent	Val		VALUE
ComTx_u16IPDS_RMPowerCurrent	Val		VALUE
ComTx_u16IPDS_RRALampCtlUnit-PowerCurrent	Val		VALUE
ComTx_u16IPDS_RRBLampCtlUnit-PowerCurrent	Val		VALUE
ComTx_u8IPDS_AMPPowerFaultSt	Val		VALUE
ComTx_u8IPDS_InverterPowerFaultSt	Val		VALUE
ComTx_u8IPDS_KL15T1PowerFaultSt	Val		VALUE
ComTx_u8IPDS_KL15T2PowerFaultSt	Val		VALUE
ComTx_u8IPDS_PASPowerFaultSt	Val		VALUE
ComTx_u8IPDS_PCUPowerFaultSt	Val		VALUE
ComTx_u8IPDS_Rear12VPowerFaultSt	Val		VALUE
ComTx_u8IPDS_RearBlowerPower-FaultSt	Val		VALUE
ComTx_u8IPDS_RearCtrlPanel-PowerFaultSt	Val		VALUE
ComTx_u8IPDS_RearEOPPower-FaultSt	Val		VALUE
ComTx_u8IPDS_RearMotorPower-FaultSt	Val		VALUE
ComTx_u8IPDS_RearRadarPower-FaultSt	Val		VALUE
ComTx_u8IPDS_RLALampCtlUnit-PowerFaultSt	Val		VALUE
ComTx_u8IPDS_RLBLampCtlUnit-PowerFaultSt	Val		VALUE
ComTx_u8IPDS_RMPowerFaultSt	Val		VALUE
ComTx_u8IPDS_RRALampCtlUnit-PowerFaultSt	Val		VALUE
ComTx_u8IPDS_RRBLampCtlUnit-PowerFaultSt	Val		VALUE



II Istruzioni

Table 4 Configuration chosen for DocuNG

Parametro	Valore
User	
Project Name	KL15PwrSply_ComCnvTx
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	true
HTML	false
PDF	true
PDF: Language	IT - Italian
PDF: Links in Graphics	true
PDF: Line Numbers	false
PDF: Confidential Level 2	true
PDF: Docu Security Option	false
EHB	false

Table 5 Version Information

Program Module	Version
Product	AEEE-Pro 2020.1.0