

KL15PwrSply_ComCnvRx | 2022-10-17

KL15PwrSply_ComCnvRx

[COMP]

RB Internal

1.1

The diagram illustrates a complex network of connections between various nodes, organized into three main sections. The top section features a large grey box containing numerous nodes, many of which are labeled with 'Proteins' and specific identifiers. The middle section also contains a large grey box with many nodes, some labeled with 'Proteins' and others with specific identifiers. The bottom section features a large grey box with many nodes, some labeled with 'Proteins' and others with specific identifiers. The nodes are connected by lines, and some nodes have labels like 'Proteins', 'Proteins', 'Proteins', etc. The diagram is labeled 'Internal' in the center.

Figure 2 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys]

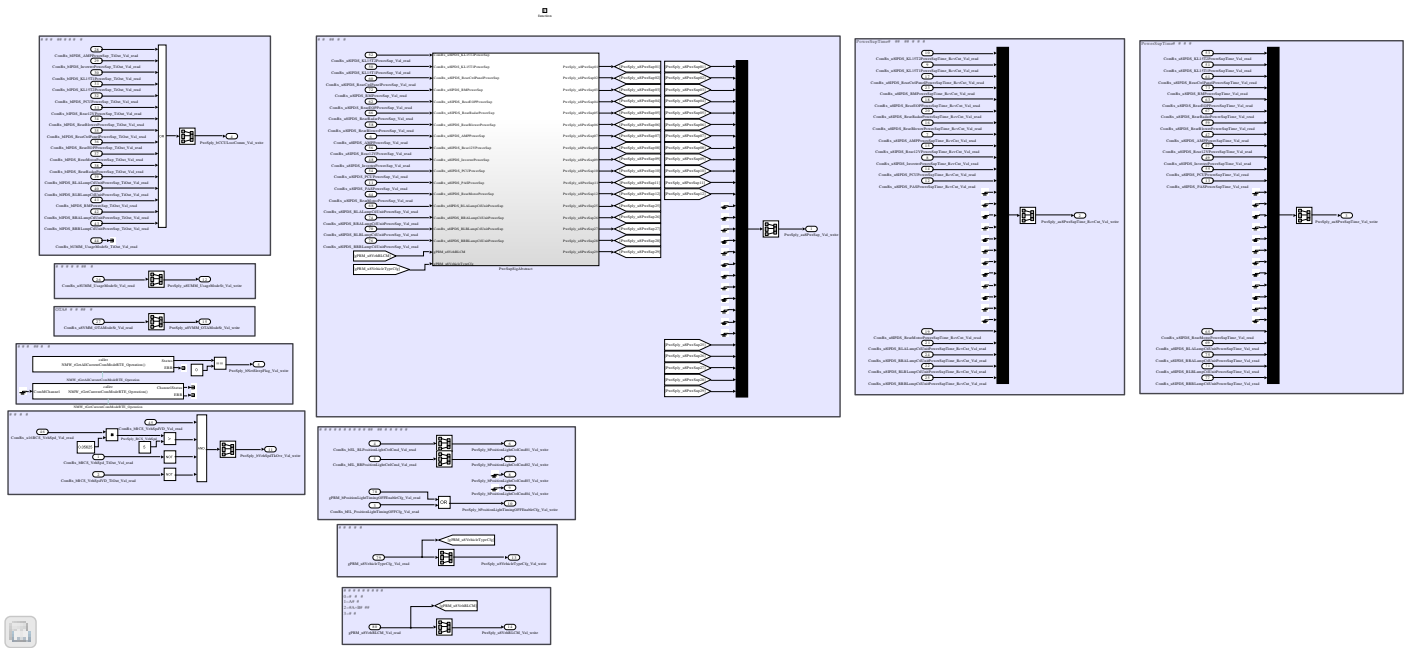


Figure 3 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract]

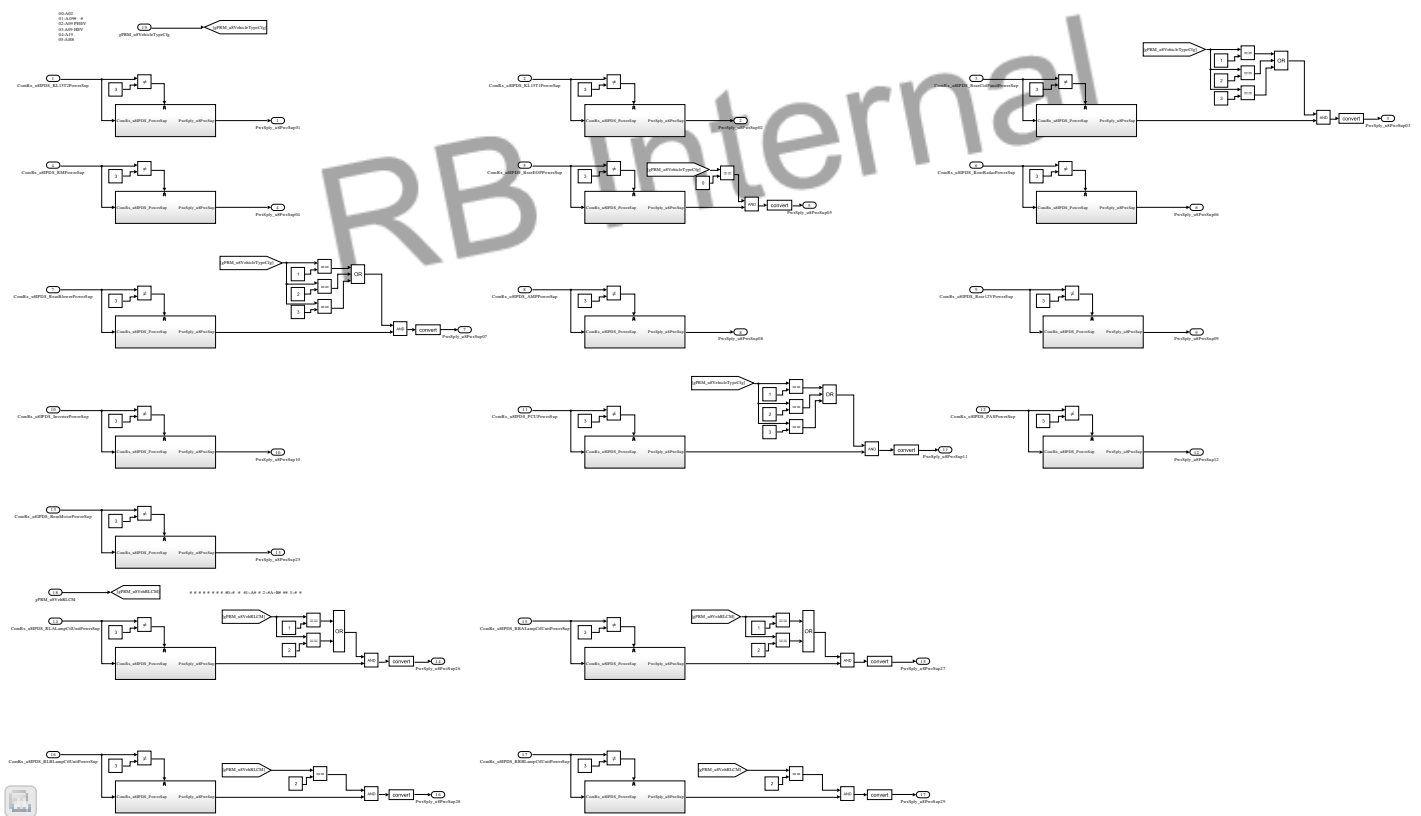


Figure 4 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra01]

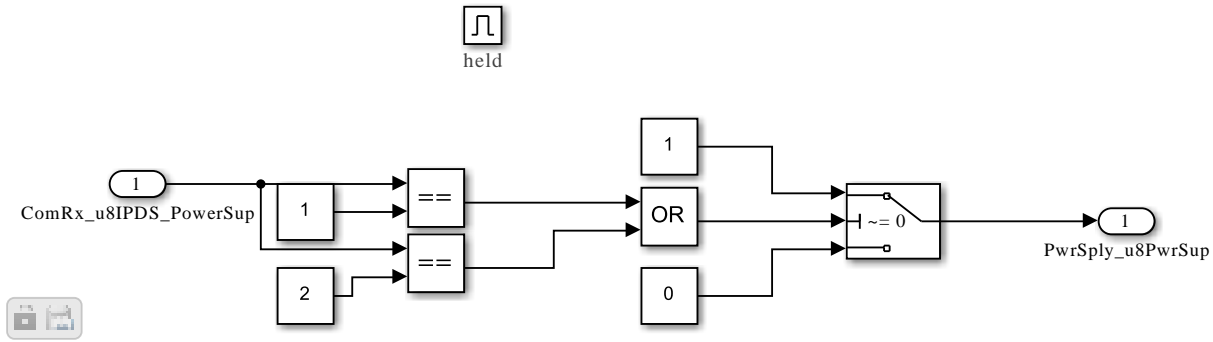


Figure 5 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra02]

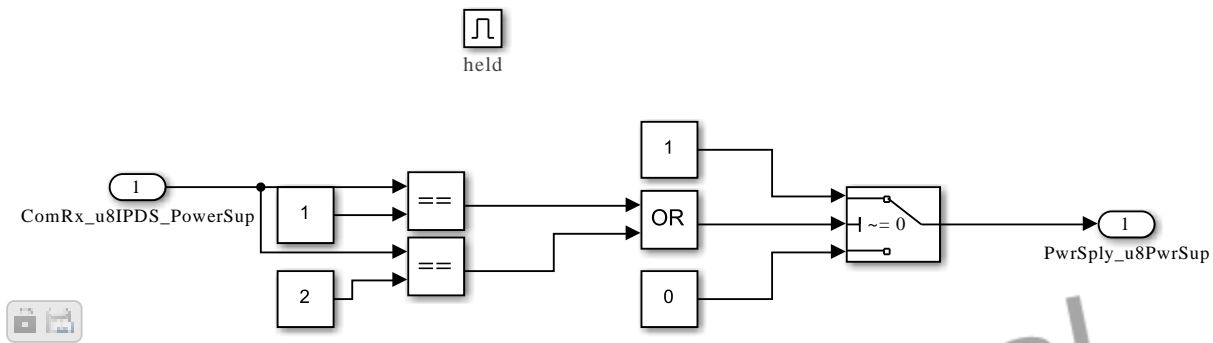


Figure 6 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra03]

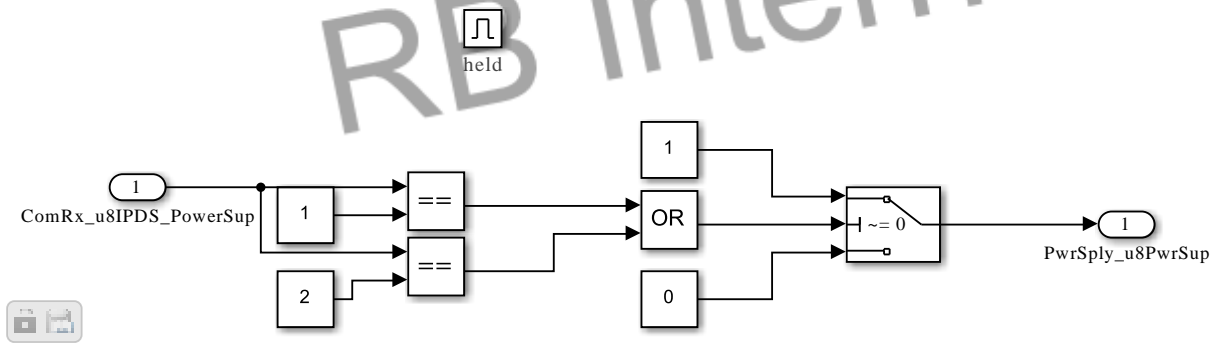


Figure 7 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra04]

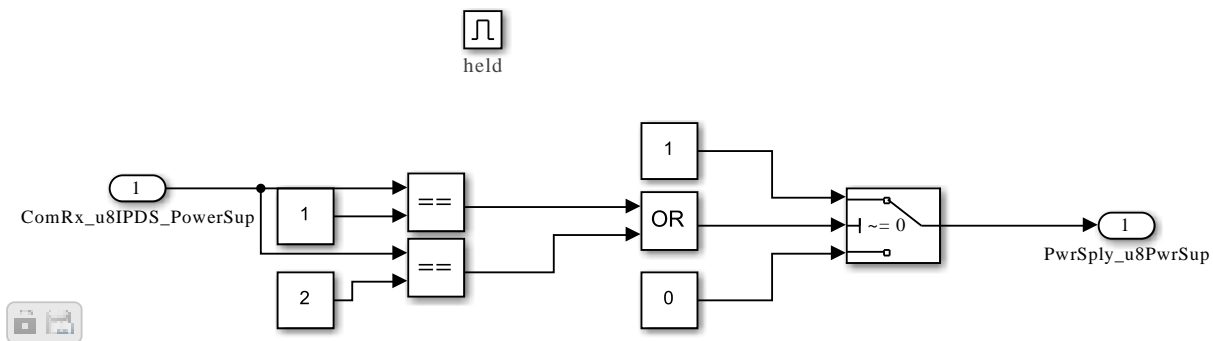


Figure 8 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra05]

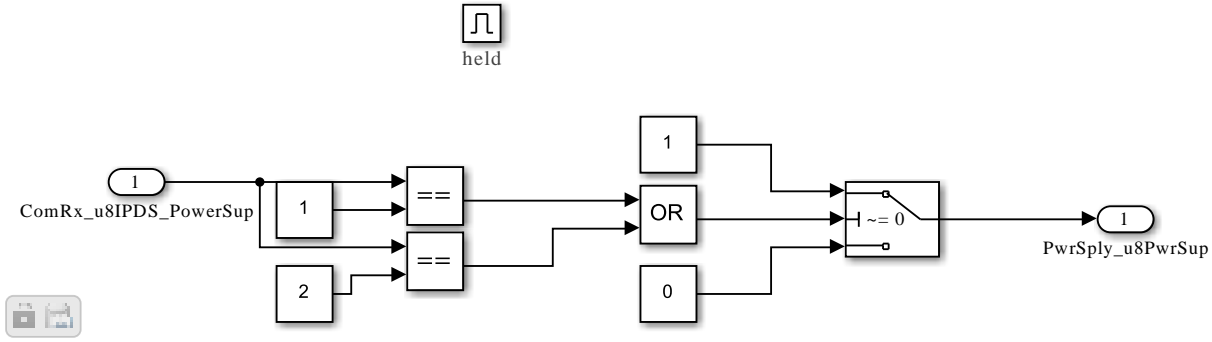


Figure 9 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra06]

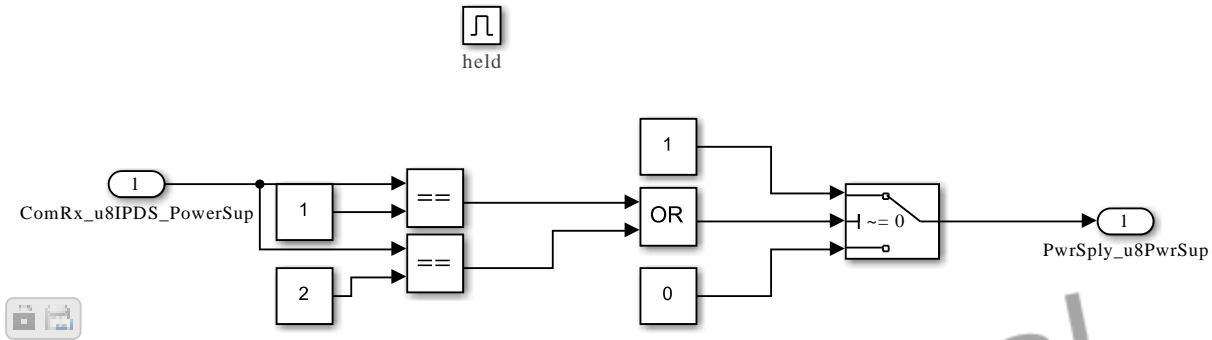


Figure 10 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra07]

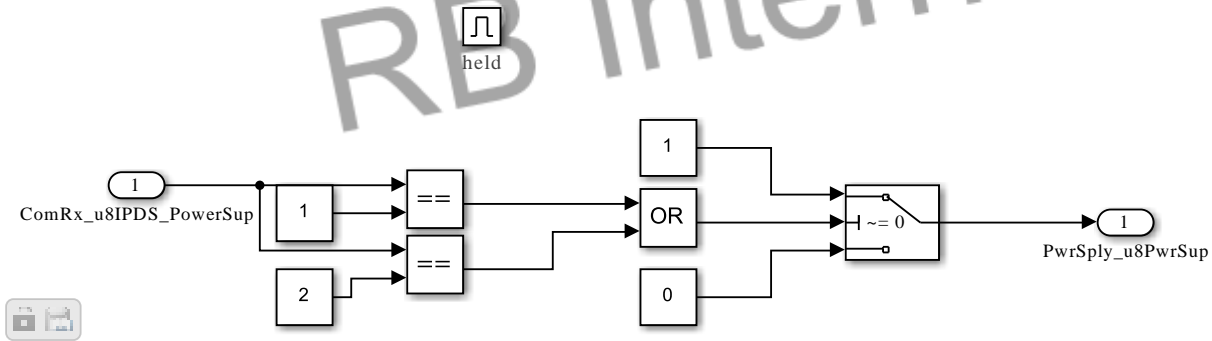


Figure 11 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra08]

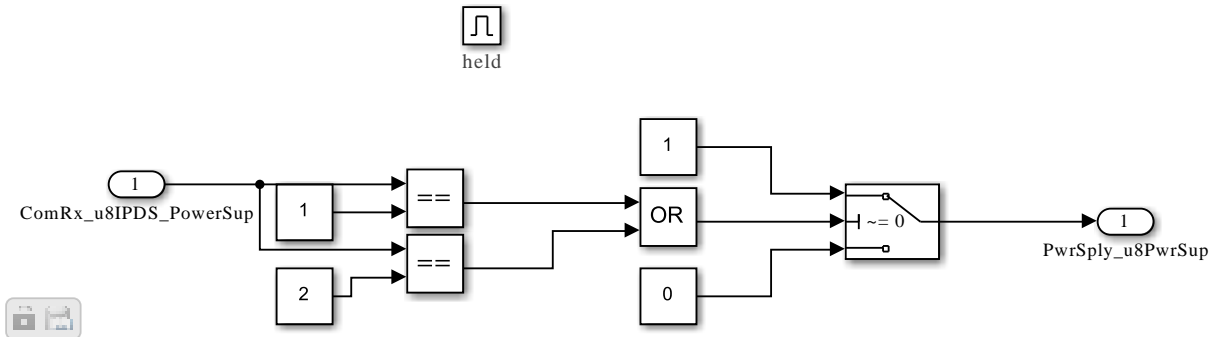


Figure 12 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra09]

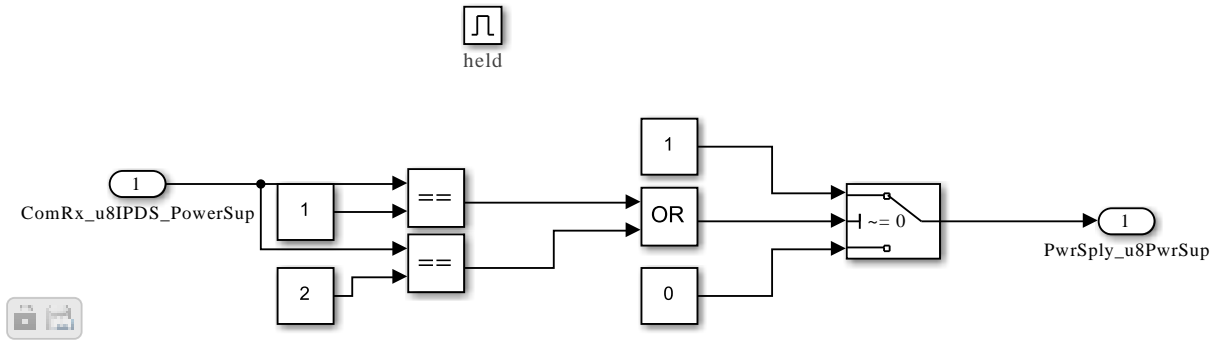


Figure 13 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra10]

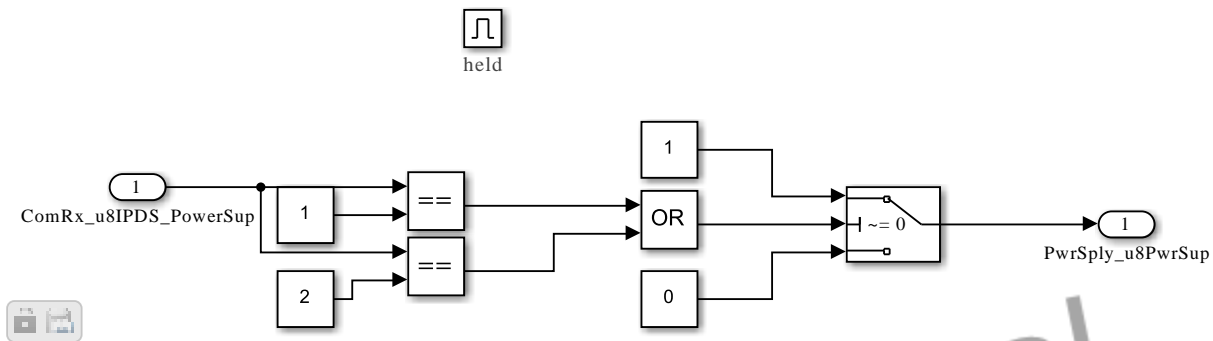


Figure 14 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra11]

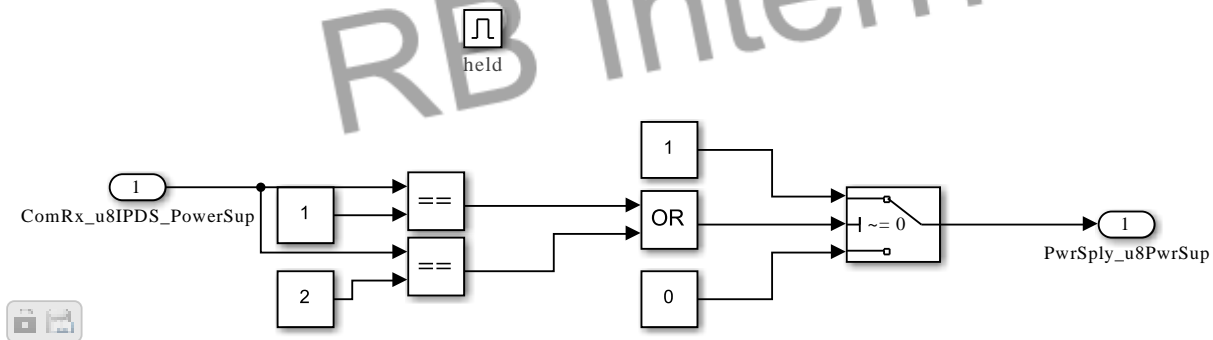


Figure 15 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra12]

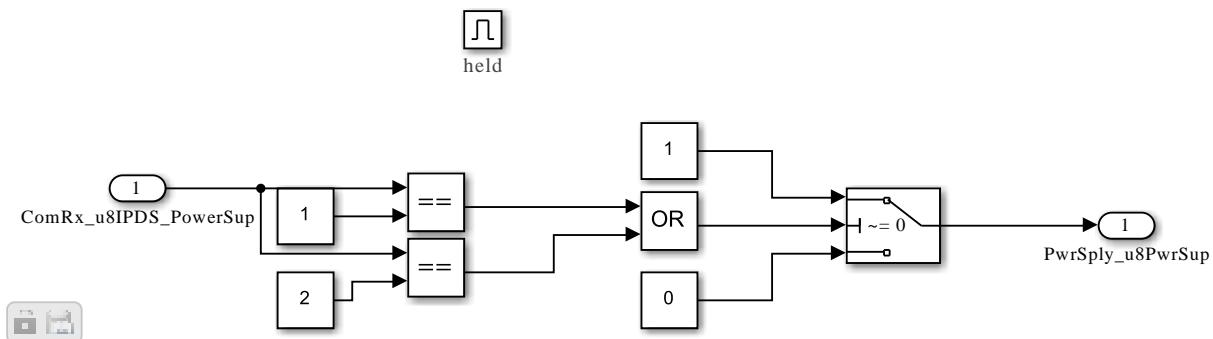


Figure 16 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra25]

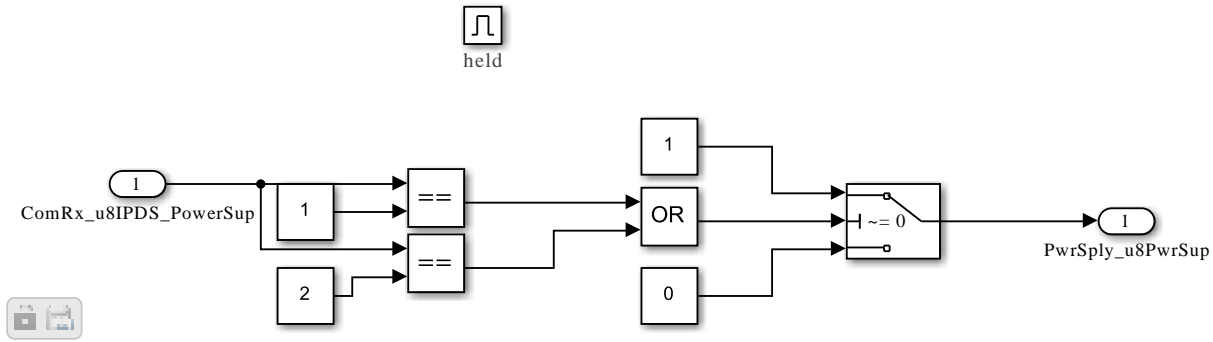


Figure 17 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra26]

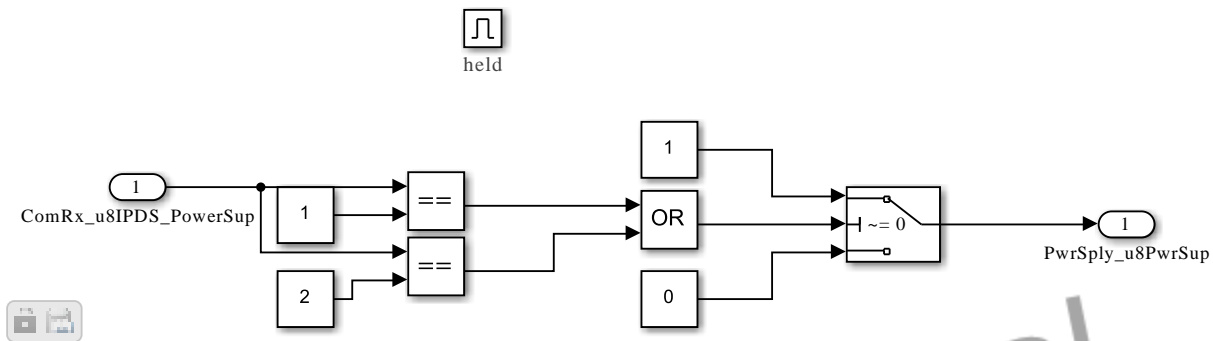


Figure 18 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra27]

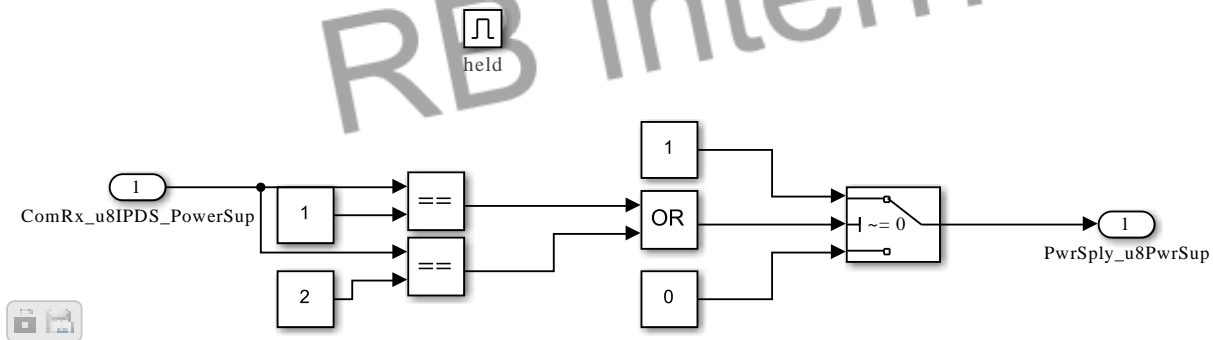


Figure 19 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra28]

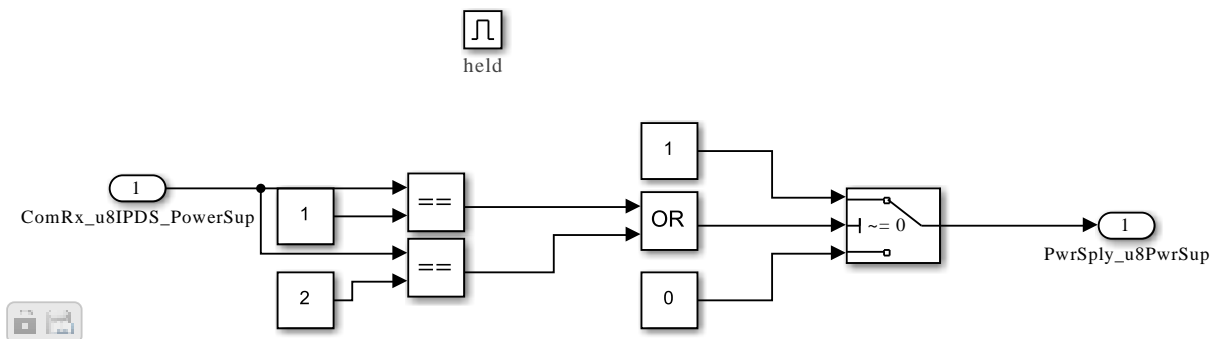


Figure 20 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_10ms_sys_PwrSupSigAbstract_PwrSupTra29]



Figure 21 [KL15PwrSply_ComCnvRx_KL15PwrSply_ComCnvRx_Runnable_Init]





2 Costanti di sistema - Parametri - Variabili - Strutture

2.1 Variabili

Table 1 KL15PwrSply_ComCnvRx Autosar Variabili: lista globale

Name	Nome comple- to (in dettaglio)	Modo	Type	Definito in
KL15PwrSply_PwrS- ply_BCS_VehSpd			VALUE	KL15PwrSply_ComCnvRx

Table 2 KL15PwrSply_ComCnvRx Autosar Variabili: dettagli

Name	Impl. type	Intervallo del valore coded Intervallo del valore phys	Quantizzazione	Conversione Base Bit(BB)	Tipo dei dati BB type	Ele# Bit#	Accesso Pos. del Bit
KL15PwrS- ply_PwrS- ply_BCS_VehSpd	STANDARD						

3 Formule di conversione

Table 3 Formule di conversione

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

4 Ports and Interfaces

4.1 Sender Receiver Interface and Ports

4.1.1 Incoming

Table 4 Incoming

Port	Variable	Description	Type
ComRx_bBCS_VehSpd_TiOut	Val		VALUE
ComRx_bBCS_VehSpdVD	Val		VALUE
ComRx_bBCS_VehSpdVD_TiOut	Val		VALUE
ComRx_bEL_PositionLightTimin- gOFFCfg	Val		VALUE
ComRx_bEL_RLPositionLightC- trlCmd	Val		VALUE
ComRx_bEL_RRPositionLightC- trlCmd	Val		VALUE
ComRx_bIPDS_AMPPowe- rSup_TiOut	Val		VALUE
ComRx_bIPDS_InverterPowe- rSup_TiOut	Val		VALUE
ComRx_bIPDS_KL15T1Powe- rSup_TiOut	Val		VALUE
ComRx_bIPDS_KL15T2Powe- rSup_TiOut	Val		VALUE
ComRx_bIPDS_PCUPowe- rSup_TiOut	Val		VALUE
ComRx_bIPDS_Rear12VPowe- rSup_TiOut	Val		VALUE
ComRx_bIPDS_RearBlowerPowe- rSup_TiOut	Val		VALUE
ComRx_bIPDS_RearCtrlPanelPowe- rSup_TiOut	Val		VALUE
ComRx_bIPDS_RearEOPPowe- rSup_TiOut	Val		VALUE

Port	Variable	Description	Type
ComRx_bIPDS_RearMotorPowerSup_TiOut	Val		VALUE
ComRx_bIPDS_RearRadarPowerSup_TiOut	Val		VALUE
ComRx_bIPDS_RLALampCtlUnitPowerSup_TiOut	Val		VALUE
ComRx_bIPDS_RLBLampCtlUnitPowerSup_TiOut	Val		VALUE
ComRx_bIPDS_RMPowerSup_TiOut	Val		VALUE
ComRx_bIPDS_RRALampCtlUnitPowerSup_TiOut	Val		VALUE
ComRx_bIPDS_RRBLampCtlUnitPowerSup_TiOut	Val		VALUE
ComRx_bUMM_UsageModeSt_TiOut	Val		VALUE
ComRx_u16BCS_VehSpd	Val		VALUE
ComRx_u8IPDS_AMPPowerSup	Val		VALUE
ComRx_u8IPDS_AMPPowerSupTime	Val		VALUE
ComRx_u8IPDS_AMPPowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_InverterPowerSup	Val		VALUE
ComRx_u8IPDS_InverterPowerSupTime	Val		VALUE
ComRx_u8IPDS_InverterPowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_KL15T1PowerSup	Val		VALUE
ComRx_u8IPDS_KL15T1PowerSupTime	Val		VALUE
ComRx_u8IPDS_KL15T1PowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_KL15T2PowerSup	Val		VALUE
ComRx_u8IPDS_KL15T2PowerSupTime	Val		VALUE
ComRx_u8IPDS_KL15T2PowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_PASPowerSup	Val		VALUE
ComRx_u8IPDS_PASPowerSupTime	Val		VALUE
ComRx_u8IPDS_PASPowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_PCUPowerSup	Val		VALUE
ComRx_u8IPDS_PCUPowerSupTime	Val		VALUE
ComRx_u8IPDS_PCUPowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_Rear12VPowerSup	Val		VALUE
ComRx_u8IPDS_Rear12VPowerSupTime	Val		VALUE
ComRx_u8IPDS_Rear12VPowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_RearBlowerPowerSup	Val		VALUE
ComRx_u8IPDS_RearBlowerPowerSupTime	Val		VALUE
ComRx_u8IPDS_RearBlowerPowerSupTime_RcvCnt	Val		VALUE

Port	Variable	Description	Type
ComRx_u8IPDS_RearCtrlPanel-PowerSup	Val		VALUE
ComRx_u8IPDS_RearCtrlPanel-PowerSupTime	Val		VALUE
ComRx_u8IPDS_RearCtrlPanel-PowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_RearEOPPowerSup	Val		VALUE
ComRx_u8IPDS_RearEOPPowerSupTime	Val		VALUE
ComRx_u8IPDS_RearEOPPowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_RearMotorPowerSup	Val		VALUE
ComRx_u8IPDS_RearMotorPowerSupTime	Val		VALUE
ComRx_u8IPDS_RearMotorPowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_RearRadarPowerSup	Val		VALUE
ComRx_u8IPDS_RearRadarPowerSupTime	Val		VALUE
ComRx_u8IPDS_RearRadarPowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_RLALampCtlUnit-PowerSup	Val		VALUE
ComRx_u8IPDS_RLALampCtlUnit-PowerSupTime	Val		VALUE
ComRx_u8IPDS_RLALampCtlUnit-PowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_RLBLampCtlUnit-PowerSup	Val		VALUE
ComRx_u8IPDS_RLBLampCtlUnit-PowerSupTime	Val		VALUE
ComRx_u8IPDS_RLBLampCtlUnit-PowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_RMPowerSup	Val		VALUE
ComRx_u8IPDS_RMPowerSupTime	Val		VALUE
ComRx_u8IPDS_RMPowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_RRALampCtlUnit-PowerSup	Val		VALUE
ComRx_u8IPDS_RRALampCtlUnit-PowerSupTime	Val		VALUE
ComRx_u8IPDS_RRALampCtlUnit-PowerSupTime_RcvCnt	Val		VALUE
ComRx_u8IPDS_RRBLampCtlUnit-PowerSup	Val		VALUE
ComRx_u8IPDS_RRBLampCtlUnit-PowerSupTime	Val		VALUE
ComRx_u8IPDS_RRBLampCtlUnit-PowerSupTime_RcvCnt	Val		VALUE
ComRx_u8UMM_UsageModeSt	Val		VALUE
ComRx_u8VMM_OTAModeSt	Val		VALUE
gPRM_bPositionLightTimingOFFenableCfg	Val		VALUE
gPRM_u8VehicleTypeCfg	Val		VALUE

Port	Variable	Description	Type
gPRM_u8VehRLCM	Val		VALUE

4.1.2 Outgoing

Table 5 Outgoing

Port	Variable	Description	Type
PwrSply_au8PwrSup	Val		ARRAY
PwrSply_au8PwrSupTime	Val		ARRAY
PwrSply_au8PwrSupTime_RcvCnt	Val		ARRAY
PwrSply_bCCULostComm	Val		VALUE
PwrSply_bNetSleepFlag	Val		VALUE
PwrSply_bPositionLightCtrlCmd01	Val		VALUE
PwrSply_bPositionLightCtrlCmd02	Val		VALUE
PwrSply_bPositionLightCtrlCmd03	Val		VALUE
PwrSply_bPositionLightCtrlCmd04	Val		VALUE
PwrSply_bPositionLightTimingOFFEnableCfg	Val		VALUE
PwrSply_bVehSpdTkOvr	Val		VALUE
PwrSply_u8UMM_UsageModeSt	Val		VALUE
PwrSply_u8VehicleTypeCfg	Val		VALUE
PwrSply_u8VehRLCM	Val		VALUE
PwrSply_u8VMM_OTAModeSt	Val		VALUE

4.2 Client Server Interface

4.2.1 Incoming

Table 6 Incoming

Port	Description
NMW_tGetAllCurrentComModeRTE	
NMW_tGetCurrentComModeRTE	

II Istruzioni

Table 7 Configuration chosen for DocuNG

Parametro	Valore
User	
Project Name	KL15PwrSply_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	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 8 Version Information

Program Module	Version
Product	AEEE-Pro 2020.1.0