

DLL state diagram mappings v101

Info (not part of baseline)

When restructuring the DLL section and splitting up the “attribute to state diagram variable” mapping Tables, several errors were made.

A somewhat related issue is that the variable `dll_4PID`, when set, forces a 4-pair capable PSE to provide 4-pair. The intent of `dll_4PID` was to provide extra information, it should not actually mandate any particular behavior. Note that this variable is removed from the PSE side of things only. On the PD side it remains in use in the state diagram, as Type 3 and Type 4 PDs are required to set this bit.

145.2.5.4 Variables

Remove variable `dll_4PID`.

145.2.5.7 State diagrams

Change Figure 145–13 (page 142) as follows:

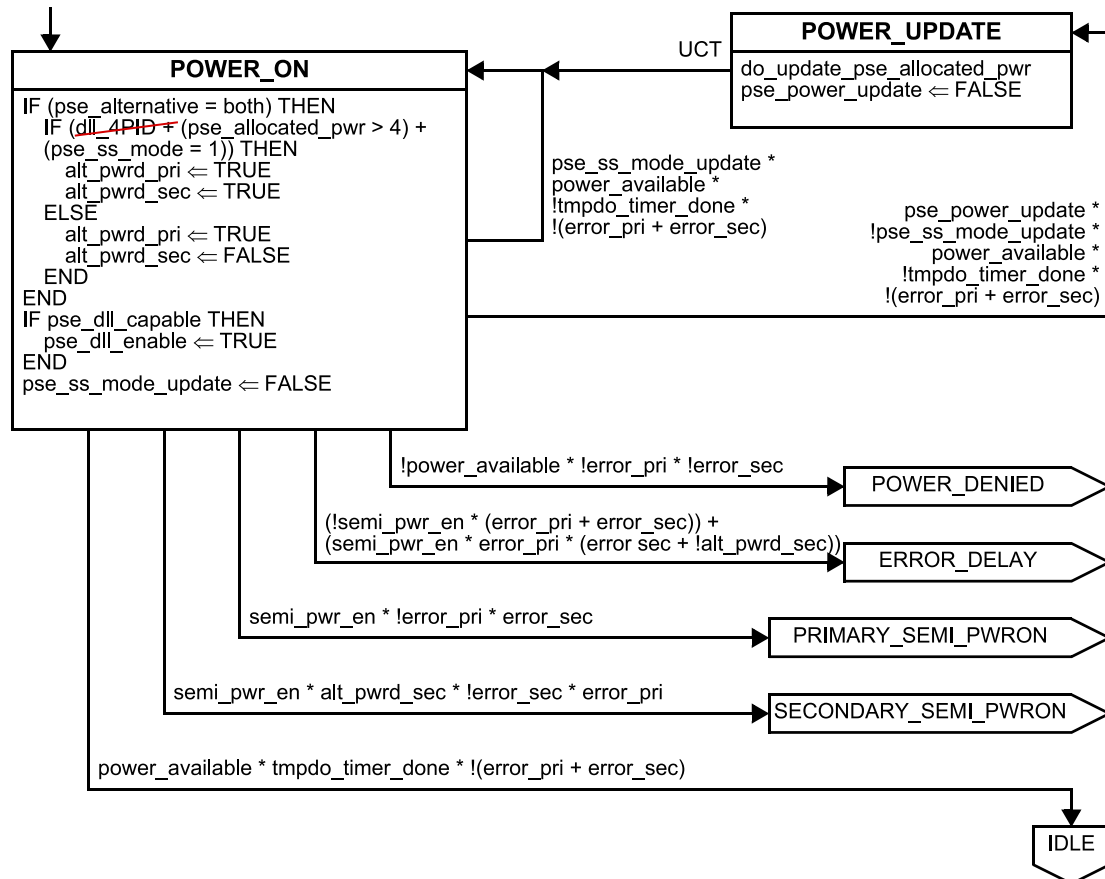


Figure 145–13 — Top level PSE state diagram

145.5.3.2.4 Attribute to state diagram variable mapping

Change Table 145–38 as follows:

Attribute	Mapping	State diagram variable
oLdpXdot3LocSystemsGroup Object Class		
aLdpXdot3LocPDRequestedPowerValue	⇐	PDRequestedPowerValueEcho
aLdpXdot3LocPSEAllocatedPowerValue	⇐	PSEAllocatedPowerValue
aLdpXdot3LocReady	⇐	pse_dll_ready
aLdpXdot3LocPSEAutoclassSupport	⇐	PSEAutoclassSupport
aLdpXdot3LocAutoclassCompleted	⇐	PSEAutoclassCompleted
aLdpXdot3LocPDRequestedPowerValueA	⇐	PDRequestedPowerValueEcho_alt(A)
aLdpXdot3LocPDRequestedPowerValueB	⇐	PDRequestedPowerValueEcho_alt(B)
aLdpXdot3LocPSEAllocatedPowerValueA	⇐	PSEAllocatedPowerValue_alt(A)
aLdpXdot3LocPSEAllocatedPowerValueB	⇐	PSEAllocatedPowerValue_alt(B)
oLdpXdot3RemSystemsGroup Object Class		
aLdpXdot3RemPDRequestedPowerValue	⇒	MirroredPDRequestedPowerValue
aLdpXdot3RemPSEAllocatedPowerValue	⇒	MirroredPSEAllocatedPowerValueEcho
aLdpXdot3RemPD4PID	⇒	dll_4PID
aLdpXdot3RemPSEAutoclassSupport	⇒	MirroredPSEAutoclassSupport
aLdpXdot3RemAutoclassCompleted	⇒	MirroredPSEAutoclassCompleted
aLdpXdot3RemAutoclassRequest	⇒	MirroredPDAutoclassRequest
aLdpXdot3RemPDRequestedPowerValueA	⇒	MirroredPDRequestedPowerValue_alt(A)
aLdpXdot3RemPDRequestedPowerValueB	⇒	MirroredPDRequestedPowerValue_alt(B)
aLdpXdot3RemPSEAllocatedPowerValueA	⇒	MirroredPSEAllocatedPowerValueEcho_alt(A)
aLdpXdot3RemPSEAllocatedPowerValueB	⇒	MirroredPSEAllocatedPowerValueEcho_alt(B)

145.5.3.3.4 Attribute to state diagram variable mapping

Change Table 145–39 as follows:

Attribute	Mapping	State diagram variable
oLdpXdot3LocSystemsGroup Object Class		
aLdpXdot3LocPDRequestedPowerValue	⇐	PDRequestedPowerValue
aLdpXdot3LocPSEAllocatedPowerValue	⇐	PSEAllocatedPowerValueEcho
aLdpXdot3LocReady	⇐	pd_dll_ready
aLdpXdot3LocPD4PID	⇐	dll_4PID
aLdpXdot3LocAutoclassRequest	⇐	PDAutoclassRequest
oLdpXdot3RemSystemsGroup Object Class		
aLdpXdot3RemPSEAllocatedPowerValue	⇒	MirroredPSEAllocatedPowerValue
aLdpXdot3RemPDRequestedPowerValue	⇒	MirroredPDRequestedPowerValueEcho
aLdpXdot3RemAutoclassRequest	⇒	MirroredPDAutoclassRequest
aLdpXdot3RemPSEAutoclassSupport	⇒	MirroredPSEAutoclassSupport
aLdpXdot3RemAutoclassCompleted	⇒	MirroredPSEAutoclassCompleted