DLL state diagram mappings v100

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

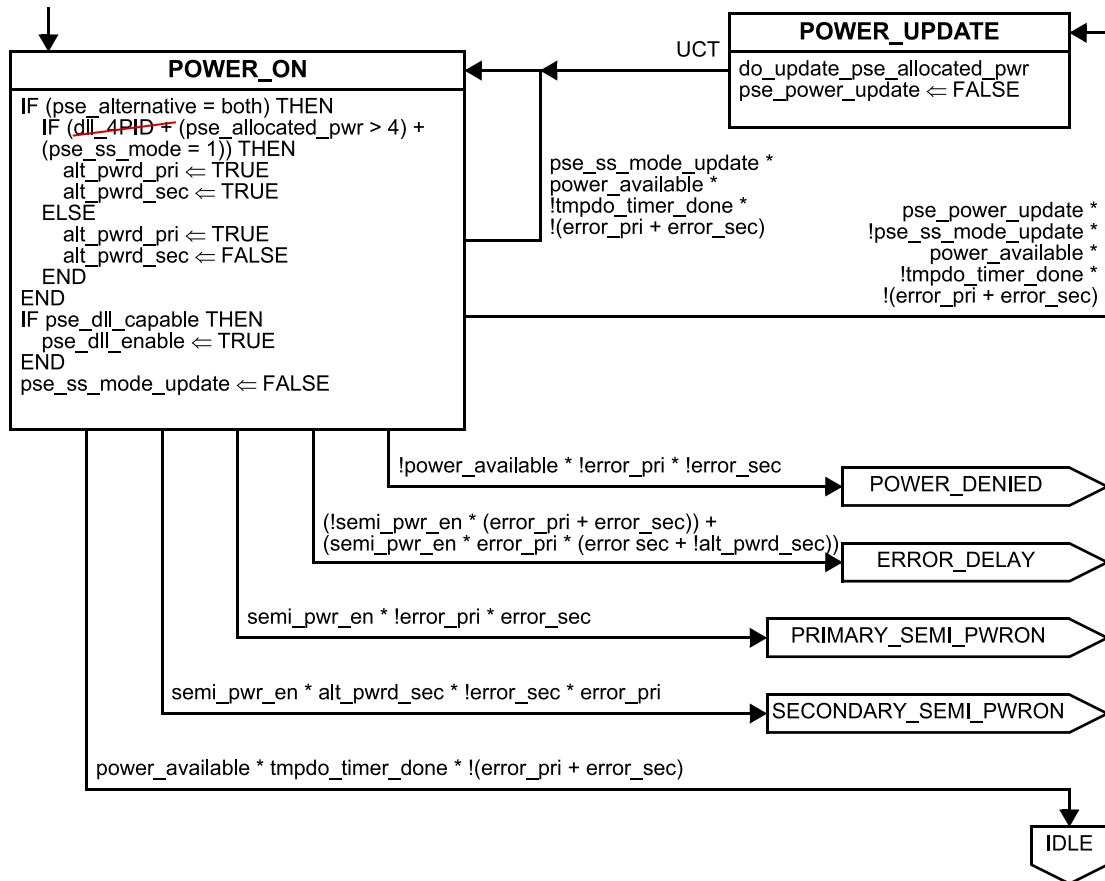*Change Figure 145–13 (page 142) as follows:*

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
oLldpXdot3LocSystemsGroup Object Class		
aLldpXdot3LocPDRequestedPowerValue	⇐	PDRequestedPowerValueEcho
aLldpXdot3LocPSEAllocatedPowerValue	⇐	PSEAllocatedPowerValue
aLldpXdot3LocReady	⇐	pse_dll_ready
aLldpXdot3LocPSEAutoclassSupport	⇐	PSEAutoclassSupport
aLldpXdot3LocAutoclassCompleted	⇐	PSEAutoclassCompleted
aLldpXdot3LocPDRequestedPowerValueA	⇐	PDRequestedPowerValueEcho_alt(A)
aLldpXdot3LocPDRequestedPowerValueB	⇐	PDRequestedPowerValueEcho_alt(B)
aLldpXdot3LocPSEAllocatedPowerValueA	⇐	PSEAllocatedPowerValue_alt(A)
aLldpXdot3LocPSEAllocatedPowerValueB	⇐	PSEAllocatedPowerValue_alt(B)
oLldpXdot3RemSystemsGroup Object Class		
aLldpXdot3RemPDRequestedPowerValue	⇒	MirroredPDRequestedPowerValue
aLldpXdot3RemPSEAllocatedPowerValue	⇒	MirroredPSEAllocatedPowerValueEcho
~~aLldpXdot3RemPD4PID~~	⇒	~~dll_4PID~~
~~aLldpXdot3RemPSEAutoclassSupport~~	⇒	~~MirroredPSEAutoclassSupport~~
~~aLldpXdot3RemAutoclassCompleted~~	⇒	~~MirroredPSEAutoclassCompleted~~
aLldpXdot3RemAutoclassRequest	⇒	MirroredPDAutoclassRequest
aLldpXdot3RemPDRequestedPowerValueA	⇒	MirroredPDRequestedPowerValue_alt(A)
aLldpXdot3RemPDRequestedPowerValueB	⇒	MirroredPDRequestedPowerValue_alt(B)
aLldpXdot3RemPSEAllocatedPowerValueA	⇒	MirroredPSEAllocatedPowerValueEcho_alt(A)
aLldpXdot3RemPSEAllocatedPowerValueB	⇒	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
oLldpXdot3LocSystemsGroup Object Class		
aLldpXdot3LocPDRequestedPowerValue	⇐	PDRequestedPowerValue
aLldpXdot3LocPSEAllocatedPowerValue	⇐	PSEAllocatedPowerValueEcho
aLldpXdot3LocReady	⇐	pd_dll_ready
aLldpXdot3LocPD4PID	⇐	dll_4PID
aLldpXdot3LocAutoclassRequest	⇐	PDAutoclassRequest
oLldpXdot3RemSystemsGroup Object Class		
aLldpXdot3RemPSEAllocatedPowerValue	⇒	MirroredPSEAllocatedPowerValue
aLldpXdot3RemPDRequestedPowerValue	⇒	MirroredPDRequestedPowerValueEcho
~~aLldpXdot3RemAutoclassRequest~~	⇒	~~MirroredPDAutoclassRequest~~
aLldpXdot3RemPSEAutoclassSupport	⇒	MirroredPSEAutoclassSupport
aLldpXdot3RemPSEAutoclassCompleted	⇒	MirroredPSEAutoclassCompleted