

Comment (#74 Page 228 Line 26):

pse_power_update_alt(X) variable is used by the state machine but is missing from the variable list in 145.5.3.6.2.

We do have pse_power_update_pri and pse_power_update_sec that do it but we need away to transform from _pri and _sec to _alt(X).

Suggested Remedy:

Add the following variable to 145.5.3.6.2:

pse_power_update_alt(X)

A variable that is set when the PSEAllocatedPowerValue_alt(X) in the DLL state diagram in Figure 145–41 has been updated. This variable updates the pse_power_update_pri and pse_power_update_sec in the state diagram Figure 145-15 Figure 145-16.

Values:

FALSE: The value of PSEAllocatedPowerValue_alt(X) has not changed.

TRUE: The value of PSEAllocatedPowerValue_alt(X) has changed.

Baseline ends here

Discussion:

PSEAllocatedPowerValue_alt(X) is a PSE DLL state machine variable.

When PSEAllocatedPowerValue_alt(X) is updated, the pse_power_update_pri or pse_power_update_sec is set according to PSEAllocatedPowerValue_alt(X).

The above order of events means that we don't need special means to transform from PSEAllocatedPowerValue_alt(X) to pse_power_update_pri or pse_power_update_sec. It is implementation level.

In addition see below how pse_power_update_pri or pse_power_update_sec variables are defined.

As a result, I believe that the suggested remedy above is sufficient and no special means are needed in the state machine.

pse_power_update_pri

A variable that is set when the PSEAllocatedPowerValue_alt(X) in the DLL state diagram in Figure 145–45 has been updated.

Values:

FALSE: The value of PSEAllocatedPowerValue_alt(X) has not changed.

TRUE: The value of PSEAllocatedPowerValue_alt(X) has changed.

pse_power_update_sec

A variable that is set when the PSEAllocatedPowerValue_alt(X) in the DLL state diagram in Figure 145–45 has been updated.

Values:

FALSE: The value of PSEAllocatedPowerValue_alt(X) has not changed.

TRUE: The value of PSEAllocatedPowerValue_alt(X) has changed.

