

PSE 2-pair ⇔ 4-pair switching v100

Info (not part of baseline)

The text allows a PSE to freely switch between 2-pair and 4-pair mode when certain conditions are met. The state diagram currently does not allow this. This baseline fixes that.

33.2.5.9 Type 3 and Type 4 variables

Add the following variable:

pse_ss_mode_update

A control variable that is used to cause the PSE to re-evaluate to value of pse_ss_mode if it is in the POWER_ON state.

Values:

FALSE: pse_ss_mode is not re-evaluated

TRUE: pse_ss_mode will be re-evaluated once

33.2.5.12 Type 3 and Type 4 state diagrams

Modify the POWER_ON state as follows:

