

# Baseline Text: 4PID

Dave Dwelley

Linear Technology

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# 4PID Text

- Add to 33.2.5.x directly after the text from `abramson_01_0315.pdf`:
- “The PSE shall store the result of the connection check (whether a single or dual signature PD was detected), and shall use this stored result to determine how much power to allocate to the PD after Classification (Table 33-7), and how to interpret the MPS signature (33.2.9.1).”

# More 4PID Text

- Add to 33.2.6 at Line 28 (D0.3):
- “A PSE that will provide 4-pair power shall use the stored result of the connection check (33.2.5.x) to determine Pclass. If the PD is a single-signature device, the PSE shall provide Pclass equal to the value found in table 33-7. If the PD is a dual-signature device, the PSE shall provide Pclass equal to the sum of the values found for each pair set in table 33-7.”

# More 4PID text

- Add text to 33.2.9.1.2, after line 21 (D0.3):
- “A PSE that is providing 4-pair power shall measure the PD current at each pairset and ensure that both the total PD current (the sum of both pairset currents) and the individual pairset currents meet the criteria with regards to Ihold, above. The PSE shall use the stored result of the connection check (33.2.5.x) to determine which Ihold parameters in table 33-11 to use.” (Modify as MPS presentation change)

# More 4PID Text

- 33.3.4: no changes necessary, line 51/52 is adequate
- Add text to 33.3.5.1, after line 21 (D0.3):
- “A PD with dual classification signature circuits (one each at ALT-A and ALT-B) shall provide a classification signature at each pairset equal to half its total power draw, such that the sum of the two pairset class signatures equal the total Pclass of the PD. A PD shall present the same classification signature at each alternative.”
- Alternative to last sentence above: restore sentence at line 20 to say: “A PD shall present...” (per motion 8, Jan 2015)

# More 4PID Text

- 33.3.8: Modify text appropriately based on results of MPS presentations (still pending).