

Proposed Remedy for comment # 28 clause 33.2.8.5page 109 line 20

1. To change Figure 33-26 to:

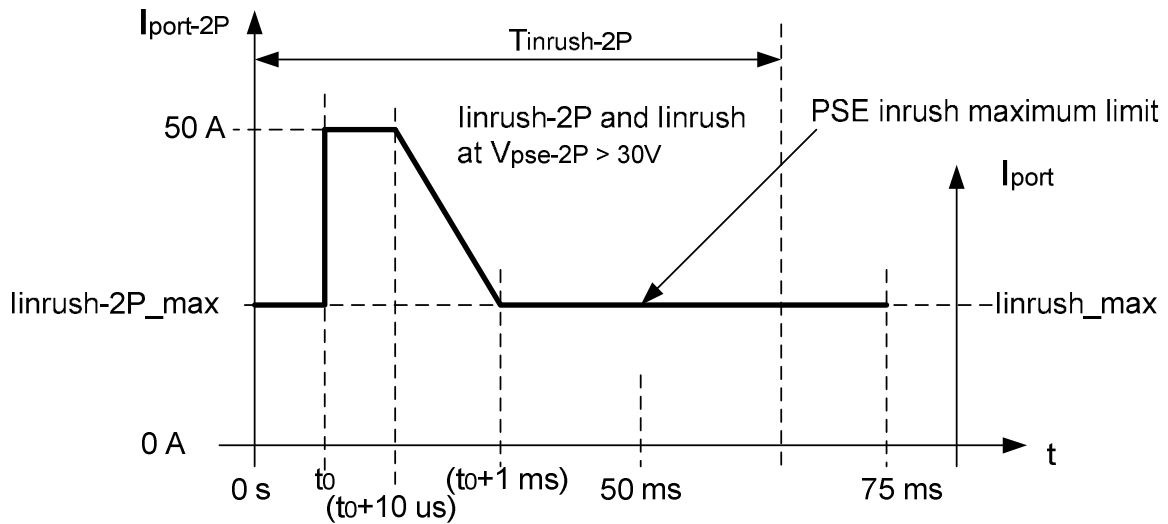


Figure 33-26 – linrush-2P and linrush current and timing limits, per pairset in POWER_UP state

2. To update equation 33-14 to fit new Figure 33-26.

Change the range of the 1st line of the equation to: $t_0 < t < (t_0 + 10.0 \times 10^{-6})$

Change the range of the 2nd line of the equation to: $(t_0 + 10.0 \times 10^{-6}) < t < (t_0 + 0.001)$

Change the equation of the 2nd line to: $a \times (t + t_0) + b$

Change the range of the 3rd line of the equation to: $(t_0 + 0.001) < t < 0.0075$

Add new range *before* the 1st line with the following equation: I_m for $0 < t < t_0$

Add to the “where” list of parameters:

t_0 Is the time when $I_{port-2P}$ exceeds $I_{inrush-2P_max}$ for the first time during POWER_UP.

$$a = -\frac{(50 - I_m)}{99 \times 10^{-5}}$$

$$b = 50 - a \times (t_0 + 10^{-5})$$

End of Base Line

Note: I am expecting that the new equation above $a \times (t + t_0) + b$ and

$$a = -\frac{(50 - I_m)}{99 \times 10^{-5}}$$

$$b = 50 - a \times (t_0 + 10^{-5})$$

Will be converged to the same equation in D1.7 i.e. $I_m + (50 - I_m) \times (0.001 - t) / 99 \times 10^{-5}$.

Will be verified for D1.8.