

# Errata

DATE: February 13, 2001

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Document Being Updated: *TPS2071EVM-159 User's Guide*

Literature Number Being Updated: SLVU037

This errata (SPRZ184) ships with the *TPS2071EVM-159 User's Guide* (SLVU037).

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**NOTE:**

The TPS2071EVM-159 has been built with C28 as shown in the Bill of Materials. C28 is connected from PG\_DLY (pin 32) to ground and is used to adjust the time delay for the PG output signal. As built, with a 0.47  $\mu$ F capacitor, the delay time is a nominal 190 ms. This capacitor can be varied to adjust the delay time to fit the application.

To meet the timing specified in the USB specification, a 0.1  $\mu$ F capacitor is recommended. However, consult the USB Hub Controller datasheet for additional information on the needed pulse width.

To calculate the capacitance needed, use the following formula:

$$C = \frac{(\text{Desired Pulse Width} \times 3 \times E-6)}{1.22}$$

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