**Abstract:** This document provides the explanation for the resistor values within the outputs of each regulator within the power supply configurations.

**1.)**

**Device:** U2 – Regulator TPS73225DBV

**Reference**: Datasheet “tps732” page 13.

**Information**: The resistor values shown in the figure are placed in the output to provide a voltage of +2.5V.



Figure 1.

**2.)**

**Device:** U3 – Regulator TPS72325DBV

**Reference:** Datasheet “tps723” page 13

**Information:** The resistor values for the output are determine using the equation shown within the figure below. The output voltage needs to be -2.5V, therefore to maintain consistency the resistor values from figure 1 will be used.

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Figure 2.

**3.)**

**Device:** U4 – Regulator TPS73225DBV

**Reference**: Datasheet “tps732” page 13.

**Information**: The resistor values shown in the figure are placed in the output to provide a voltage of +3.0V.



Figure 3.