LM2660,LM2662,LP2986

Using the LM2660 and LP2986 to Generate a Regulated Negative Output Voltage



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The application circuit is shown in Figure 1. This circuit can generate a regulated output voltage in the range of -1.5V to -5.5V.

This circuit can be shutdown by taking pin 8 of the LP2986 low. The low shutdown current (<1uA) of the LP2986 makes it favorable for battery powered applications.

Both LM2660 and LP2986 are available in Mini SO-8 packages. The maximum output current for the LM2660 is 100mA. If higher output current is required, the LM2662 with the same pin out can replace the LM2660 to provide up to 200mA output current. The LM2662 is available in SO-8 package.

The maximum input voltage is 16V- |Vout|.

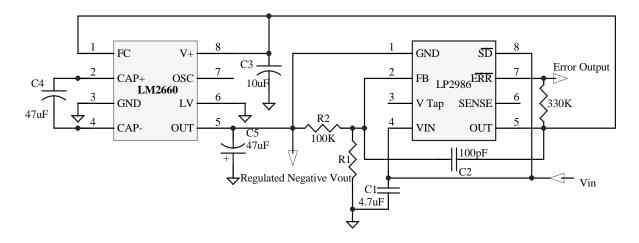


Figure 1. Generating a regulated negative output voltage.

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