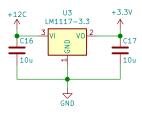
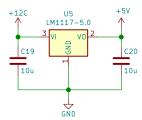


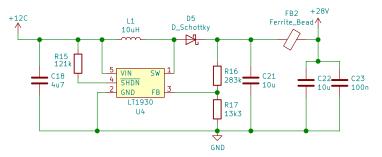
3.3V Linear Regulator

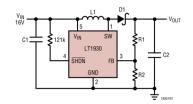


5V Linear Regulator



28V Boost Converter





SETTING OUTPUT VOLTAGE

To set the output voltage, select the values of R1 and R2 (see Figure 1) according to the following equation.

$$R1 = R2 \left(\frac{V_{OUT}}{1.255V} - 1 \right)$$

A good value for R2 is 13.3k which sets the current in the resistor divider chain to 1.255V/13.3k = 94.7 μA .

Alex	Davenport
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MASA

Sheet: /power/ File: power.sch

Title: Prop Support Board

Size: A4	Date: 2019-03-27	Rev: A
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