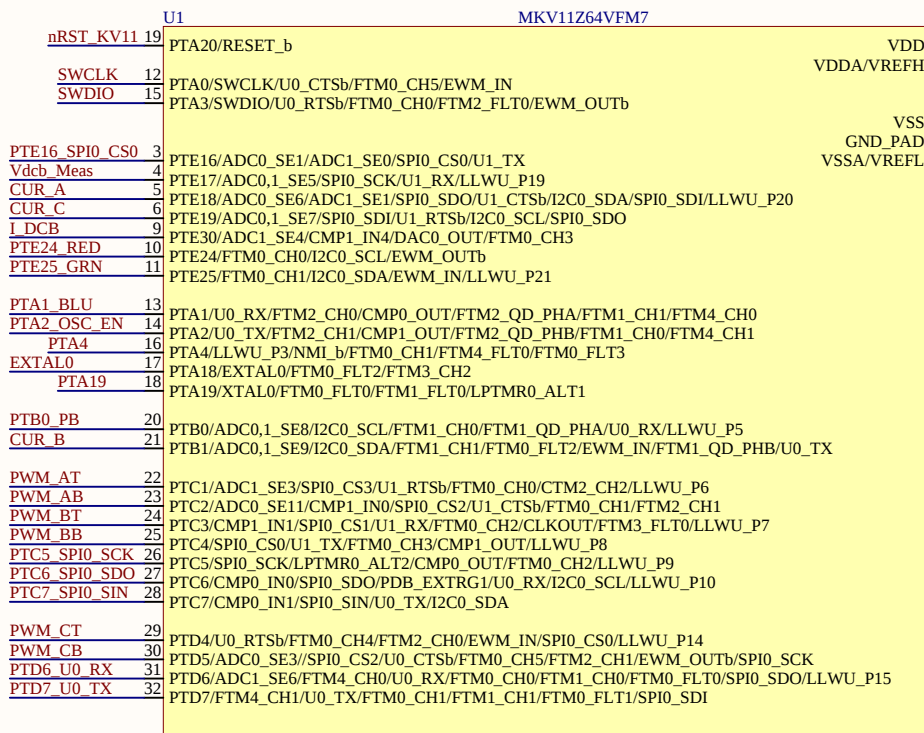
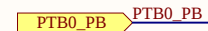
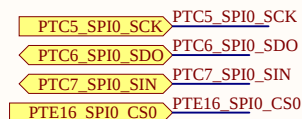
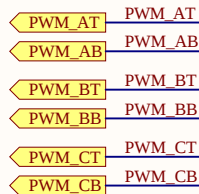
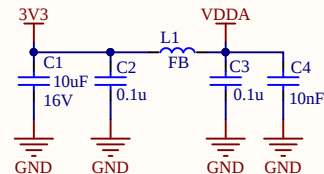
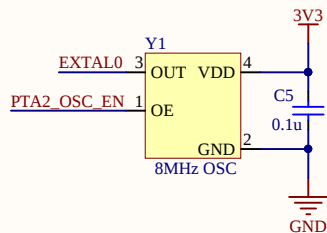
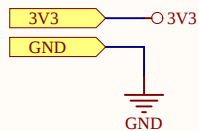
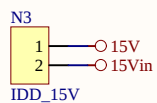
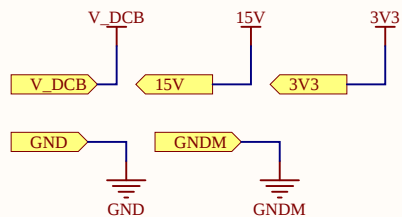


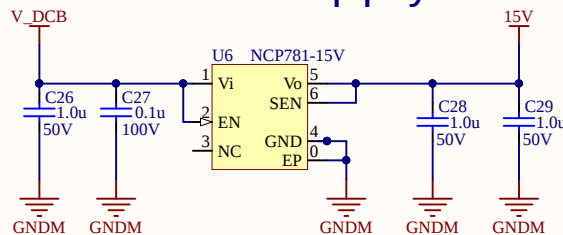
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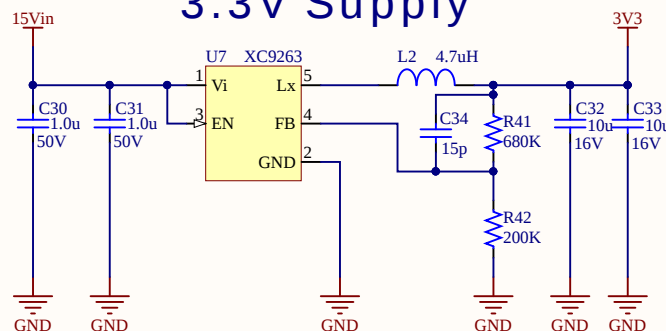




15V Supply



3.3V Supply



$$V_o = V_{fb} * (R_{fb1} + R_{fb2}) / R_{fb2}$$

$$V_o = 3.3V, V_{fb} = 0.75$$

$$R_{fb2} = R_{fb1} / (V_o / V_{fb} - 1)$$

$$\text{Choose } R_{fb1} = 680K \text{ ohm}$$

$$R_{fb2} = 200K \text{ ohm}$$

$$C_{fb} = 1 / (2 * \pi * f_{zfb} * R_{fb1})$$

$$f_{zfb} = 1 / (2 * \pi * \text{Sqrt}(\text{Cload} * L))$$

$$f_{zfb} = 16415.6$$

Revisions:

Title **FAN3PH PWR**

Size: **Letter**

Number: **4**

Revision: **V1.0.1**

Date: **12/12/2019**

Time: **11:39:09 AM** Sheet **4** of **4**

File: **FAN3PH_PWR.SchDoc**

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