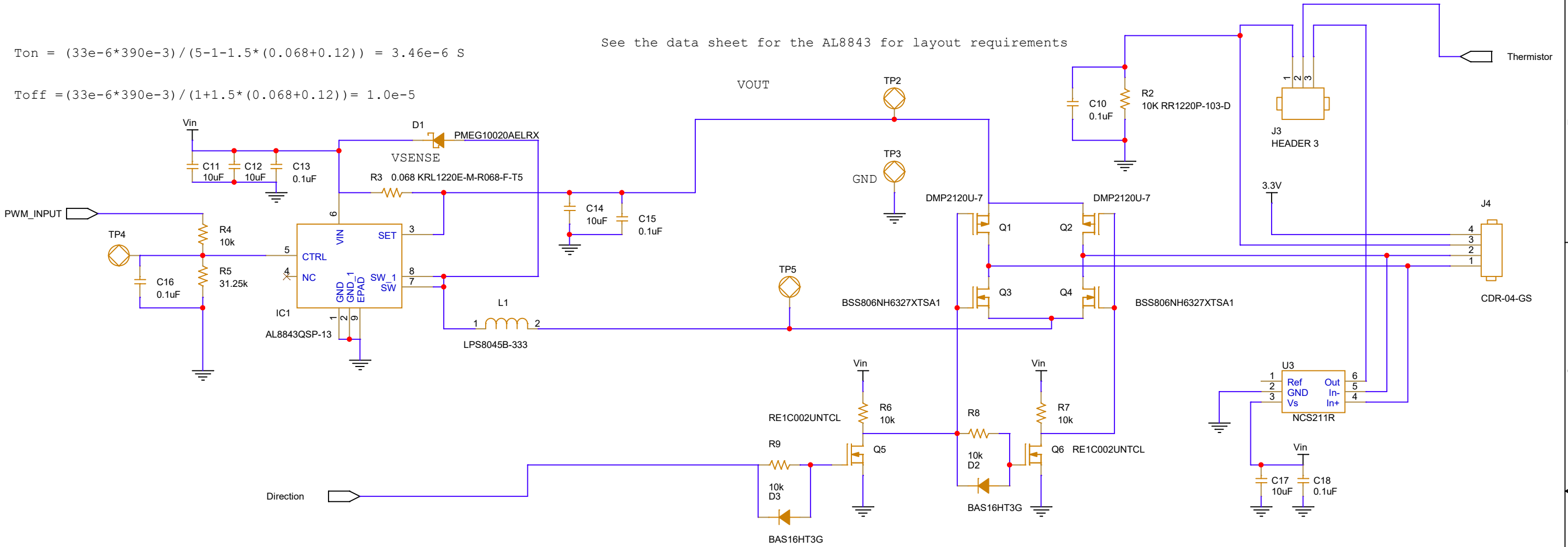


$$T_{on} = (33e-6 * 390e-3) / (5 - 1 - 1.5 * (0.068 + 0.12)) = 3.46e-6 \text{ s}$$
$$T_{off} = (33e-6 * 390e-3) / (1 + 1.5 * (0.068 + 0.12)) = 1.0e-5$$

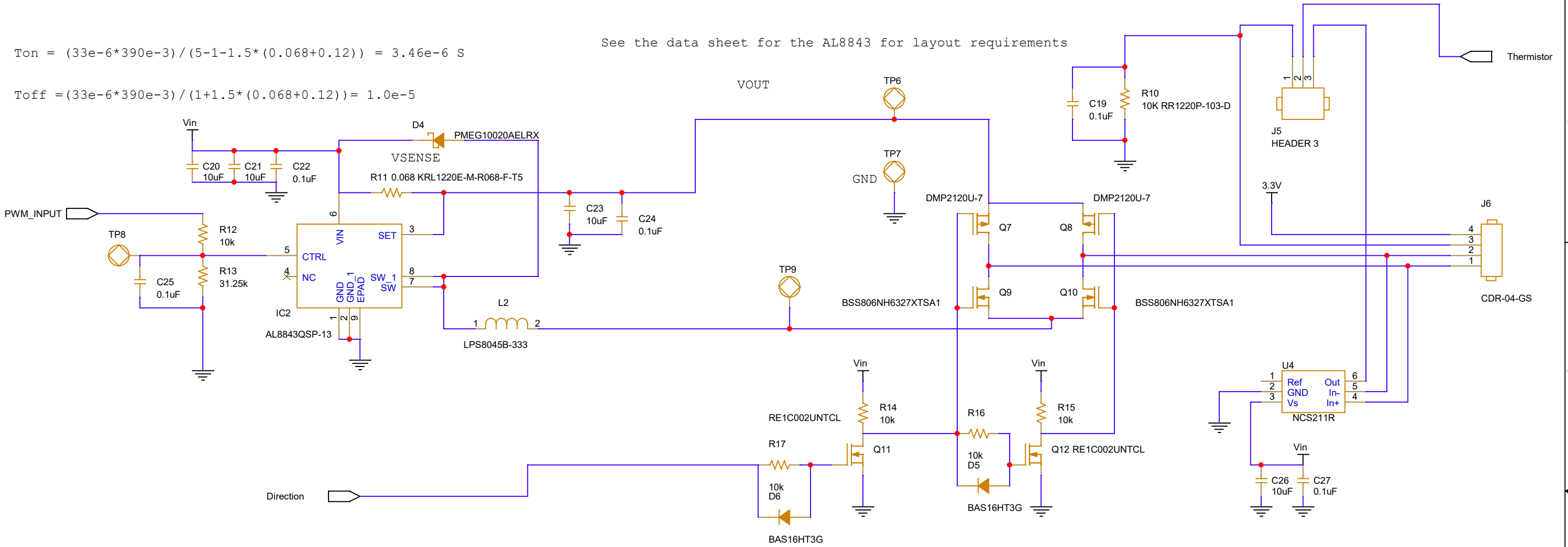
See the data sheet for the AL8843 for layout requirements



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$$T_{on} = (33e-6 * 390e-3) / (5 - 1 - 1.5 * (0.068 + 0.12)) = 3.46e-6 \text{ s}$$
$$T_{off} = (33e-6 * 390e-3) / (1 + 1.5 * (0.068 + 0.12)) = 1.0e-5$$

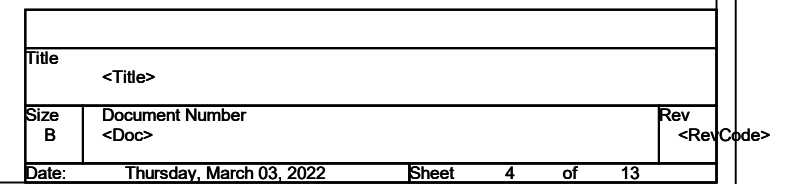
See the data sheet for the AL8843 for layout requirements



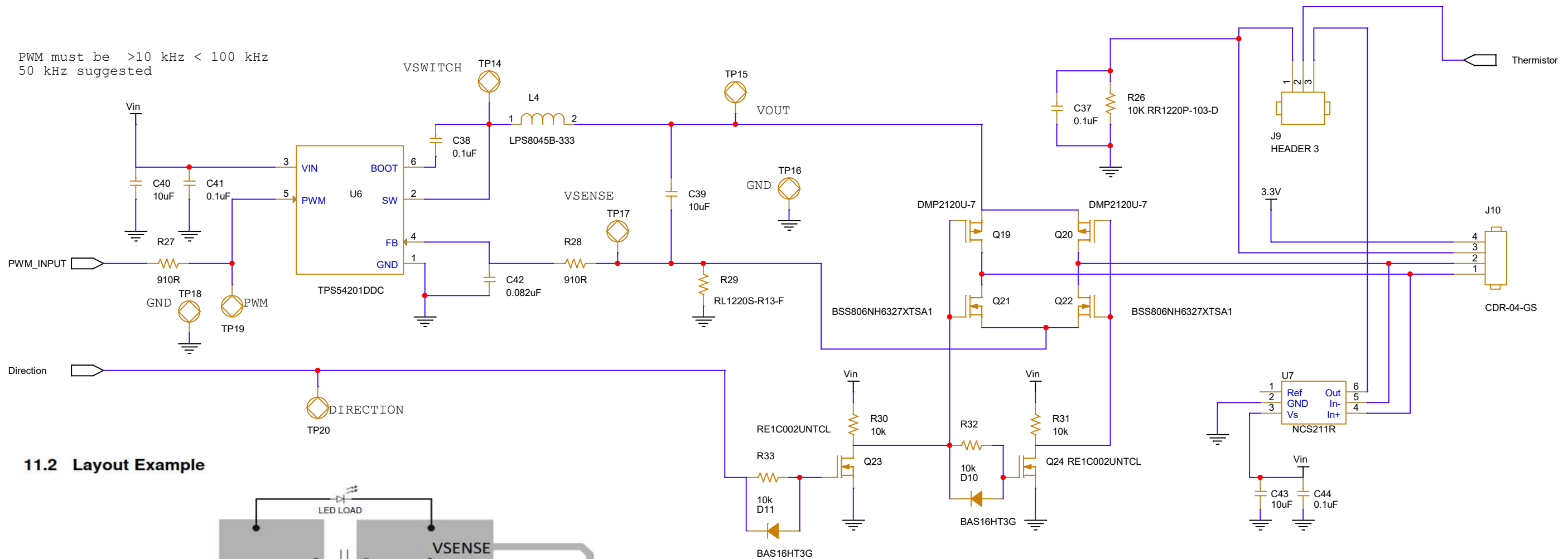
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$$T_{off} = (33e-6 * 390e-3) / (1 + 1.5 * (0.068 + 0.12)) = 1.0e-5$$

VOUT



PWM must be $>10 \text{ kHz} < 100 \text{ kHz}$
50 kHz suggested



11.2 Layout Example

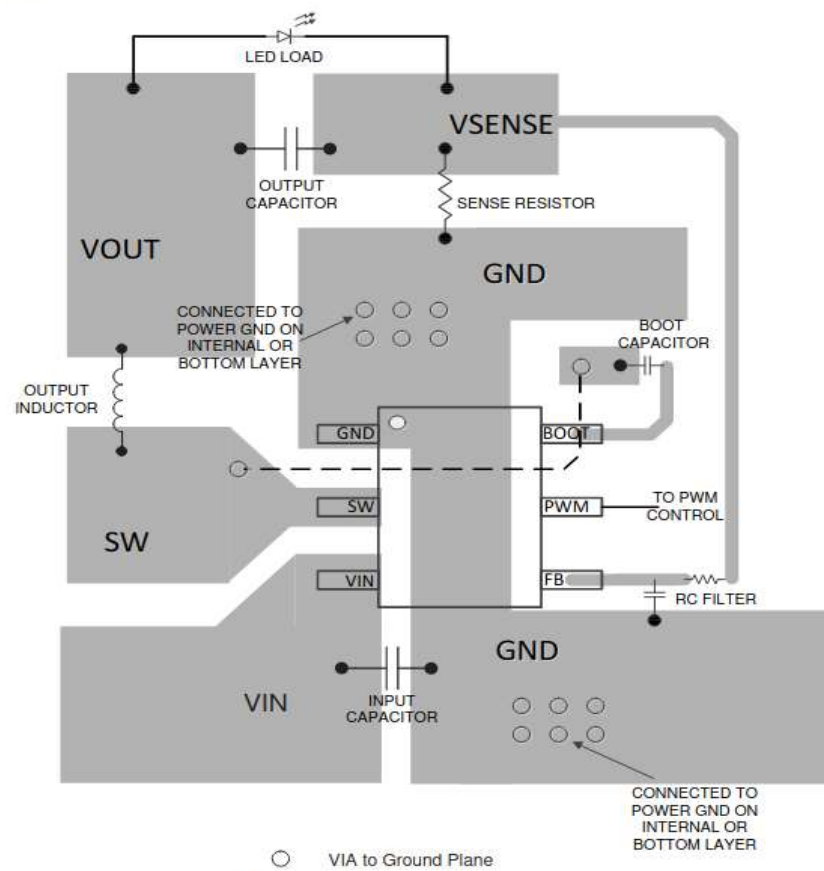
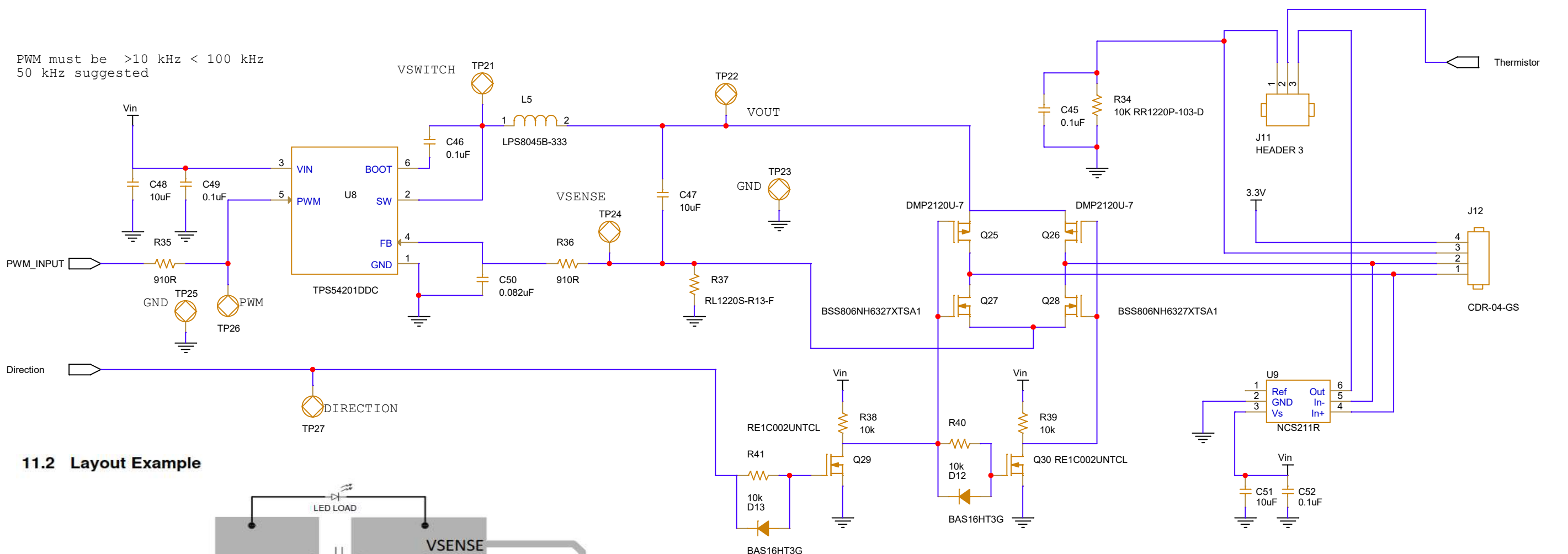


Figure 50. Layout Example

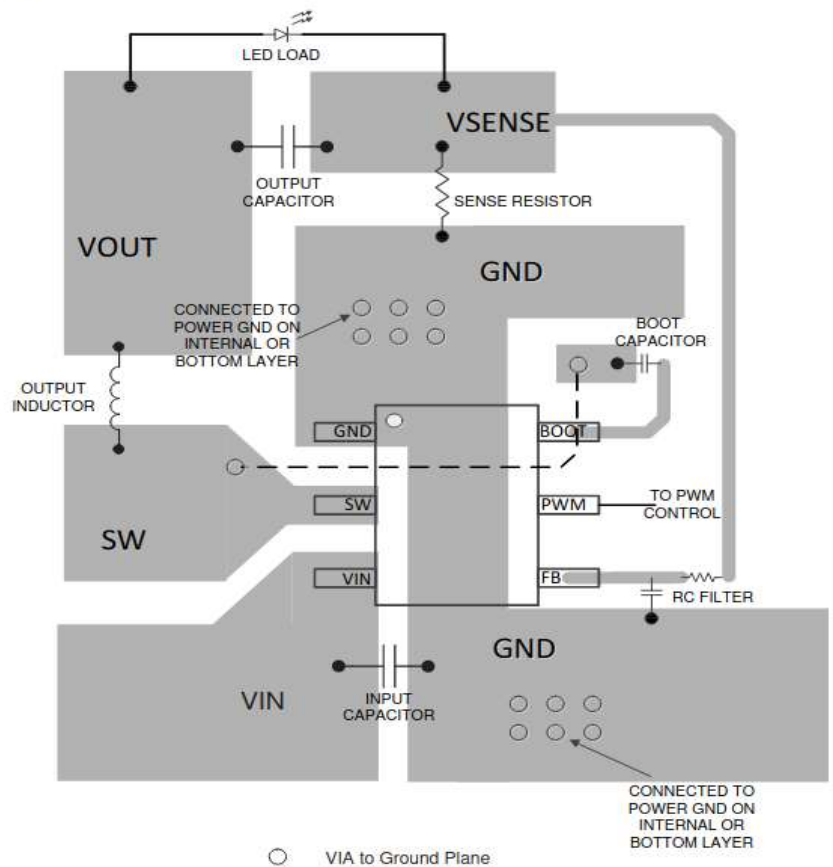
See the data sheet for the TPS54201 for layout requirements

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PWM must be >10 kHz < 100 kHz
50 kHz suggested



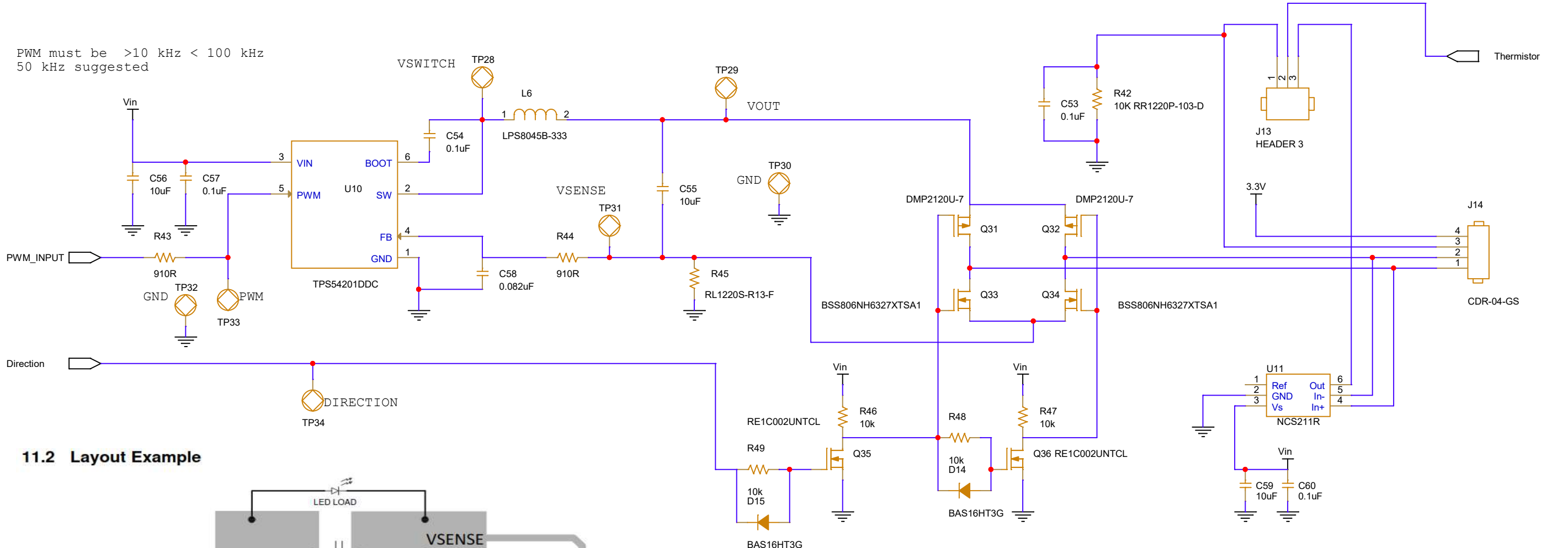
11.2 Layout Example



See the data sheet for the TPS54201 for layout requirements

Figure 50. Layout Example

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11.2 Layout Example

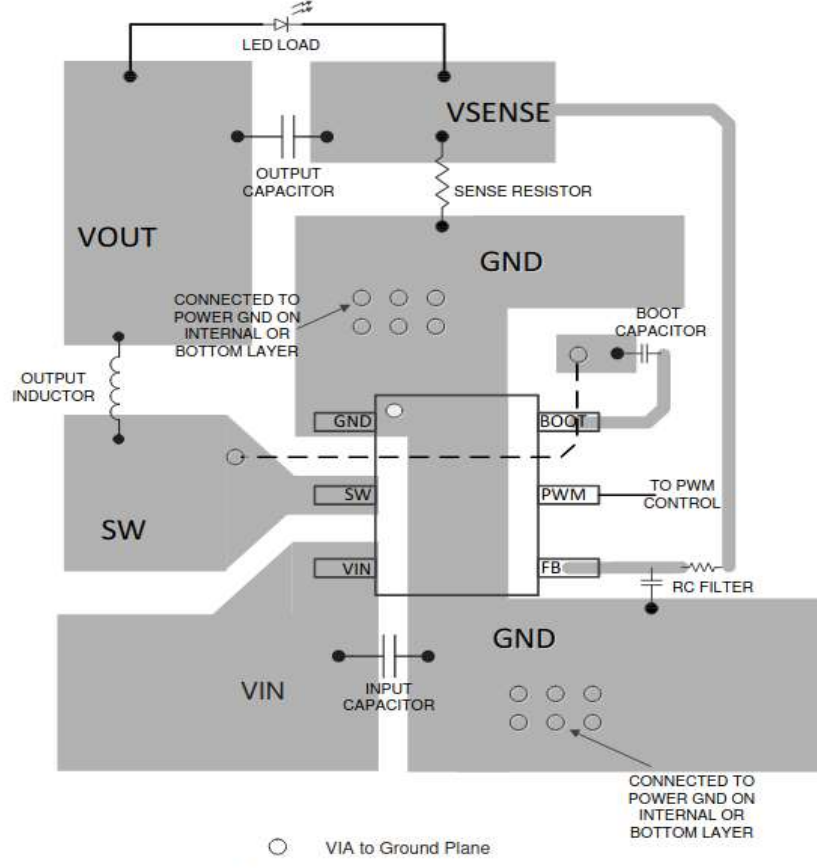
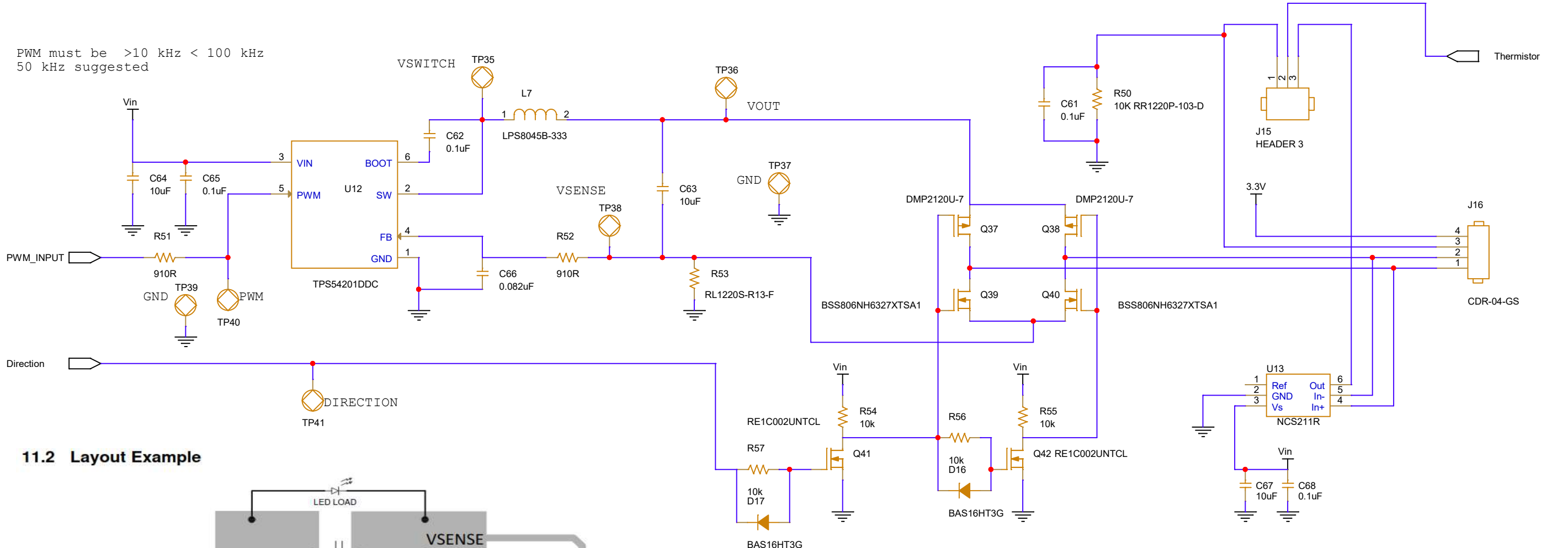


Figure 50. Layout Example

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11.2 Layout Example

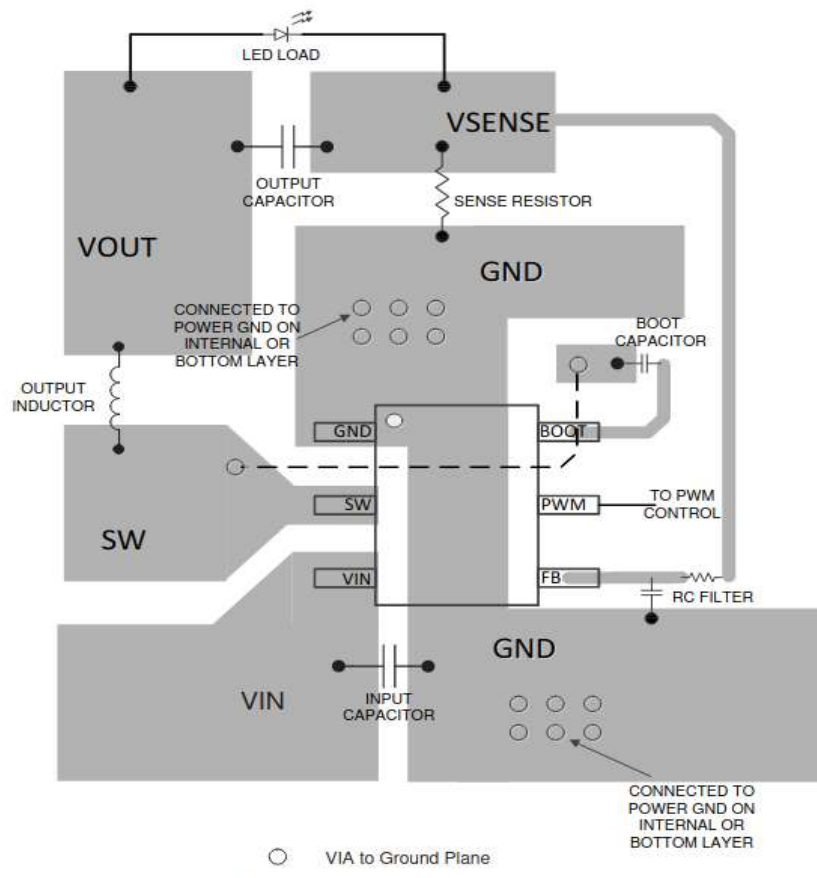
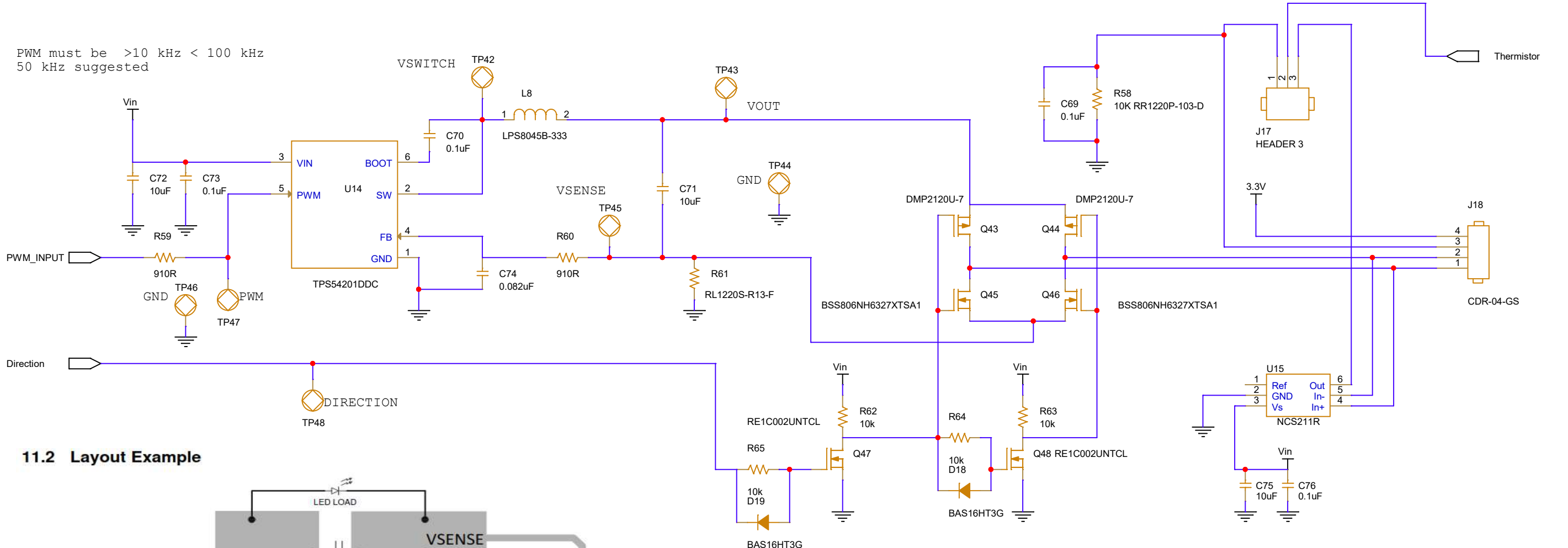


Figure 50. Layout Example

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11.2 Layout Example

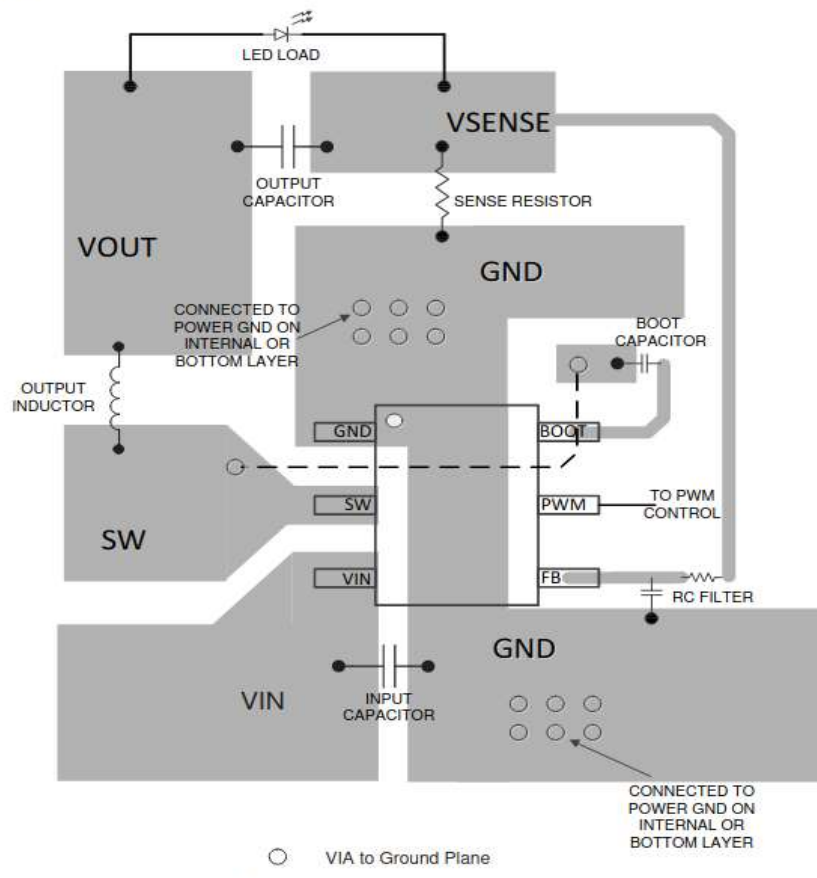
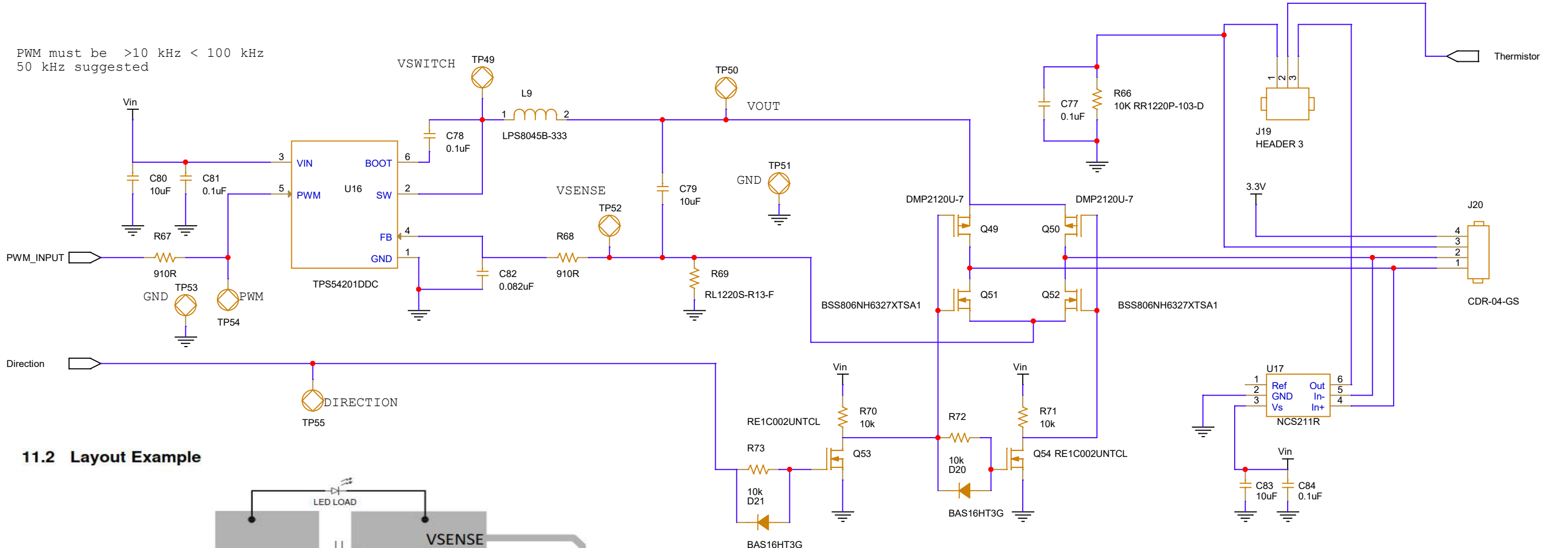


Figure 50. Layout Example

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11.2 Layout Example

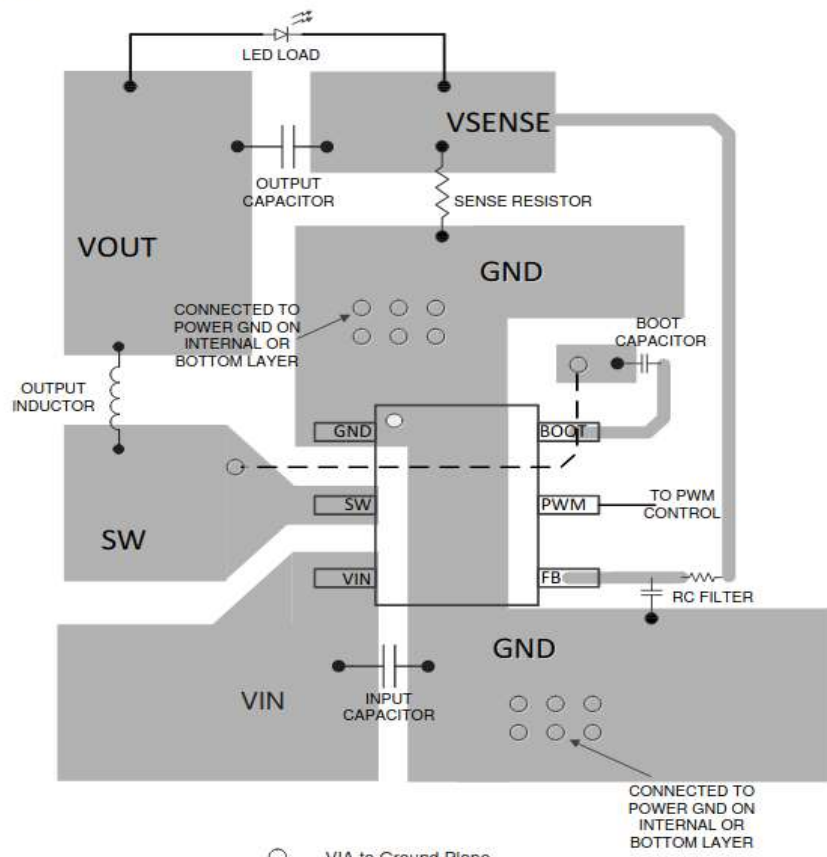
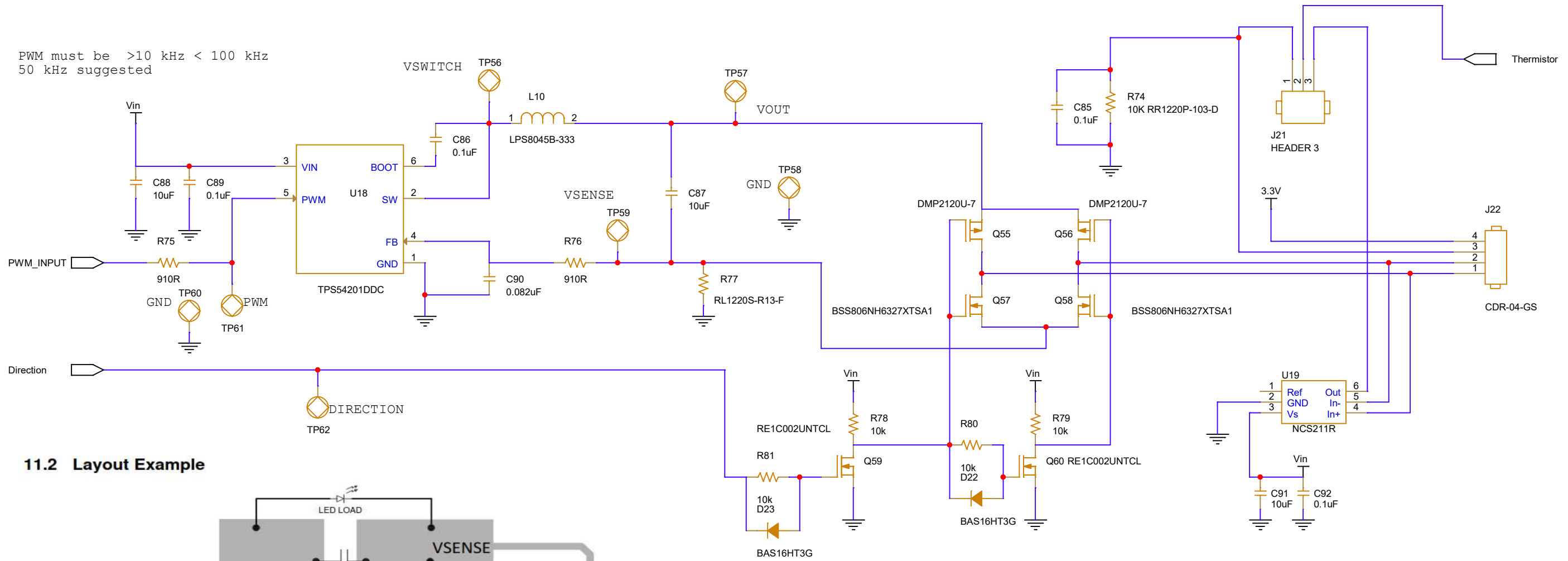


Figure 50. Layout Example

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PWM must be >10 kHz < 100 kHz
50 kHz suggested



11.2 Layout Example

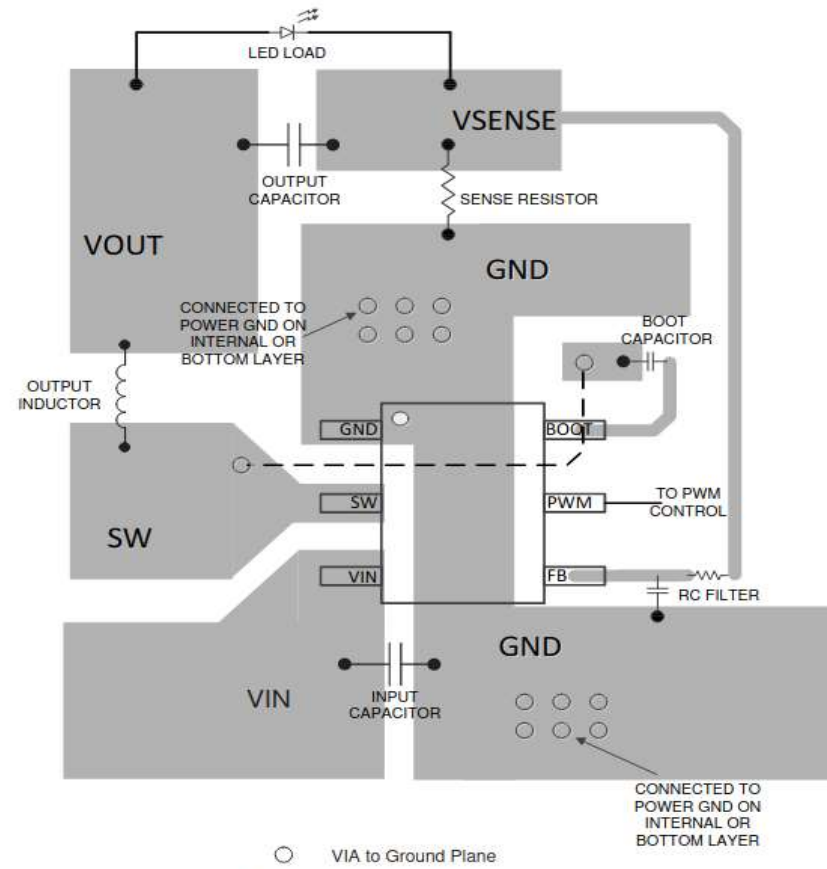
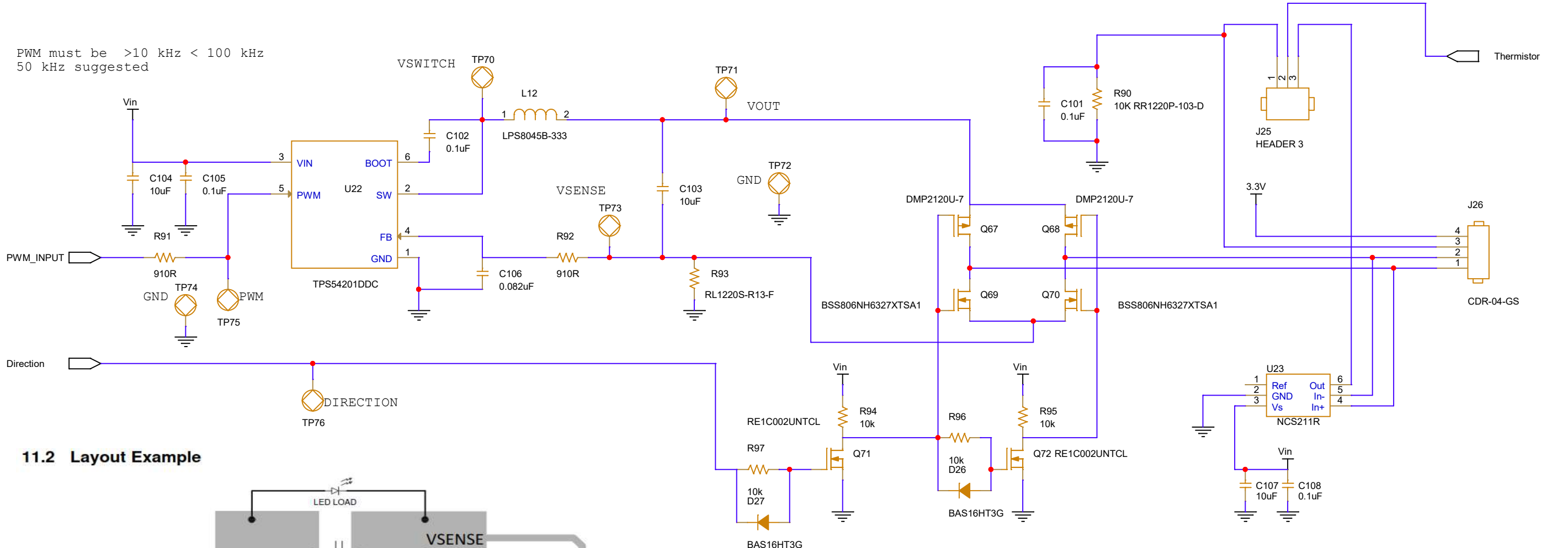


Figure 50. Layout Example

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11.2 Layout Example

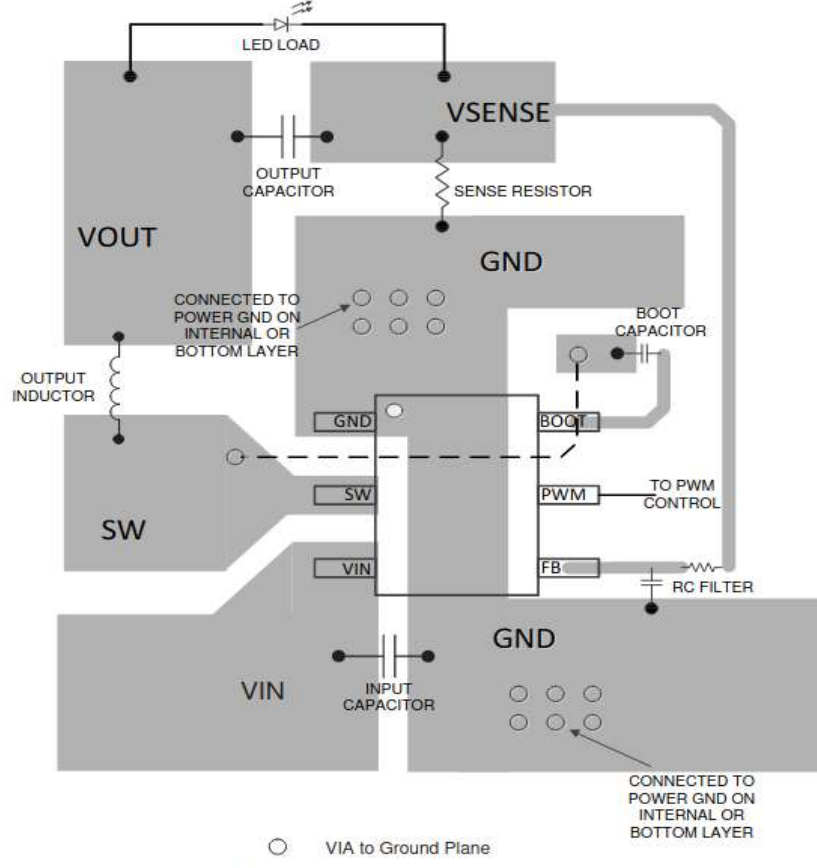


Figure 50. Layout Example

See the data sheet for the TPS54201 for layout requirements

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