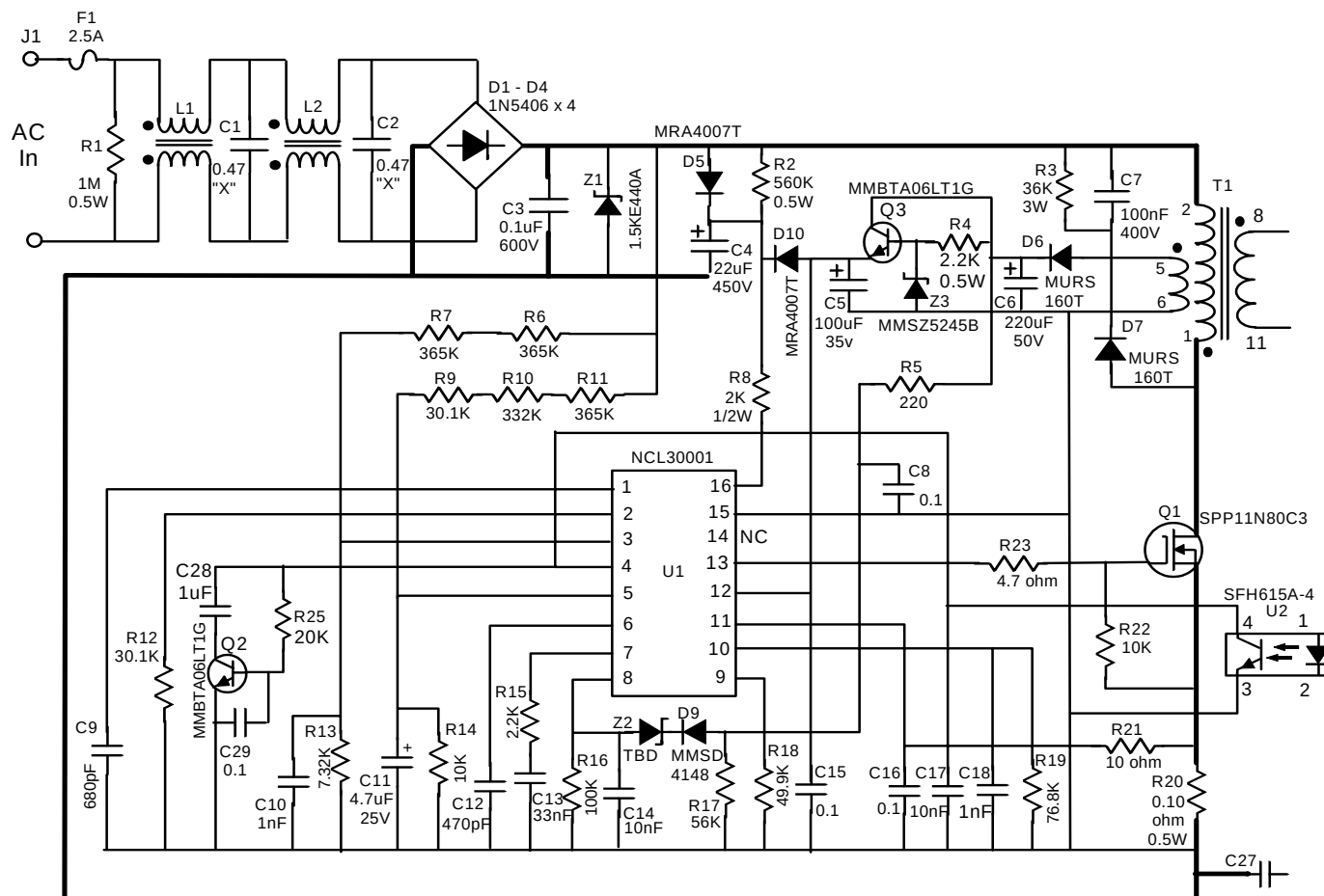




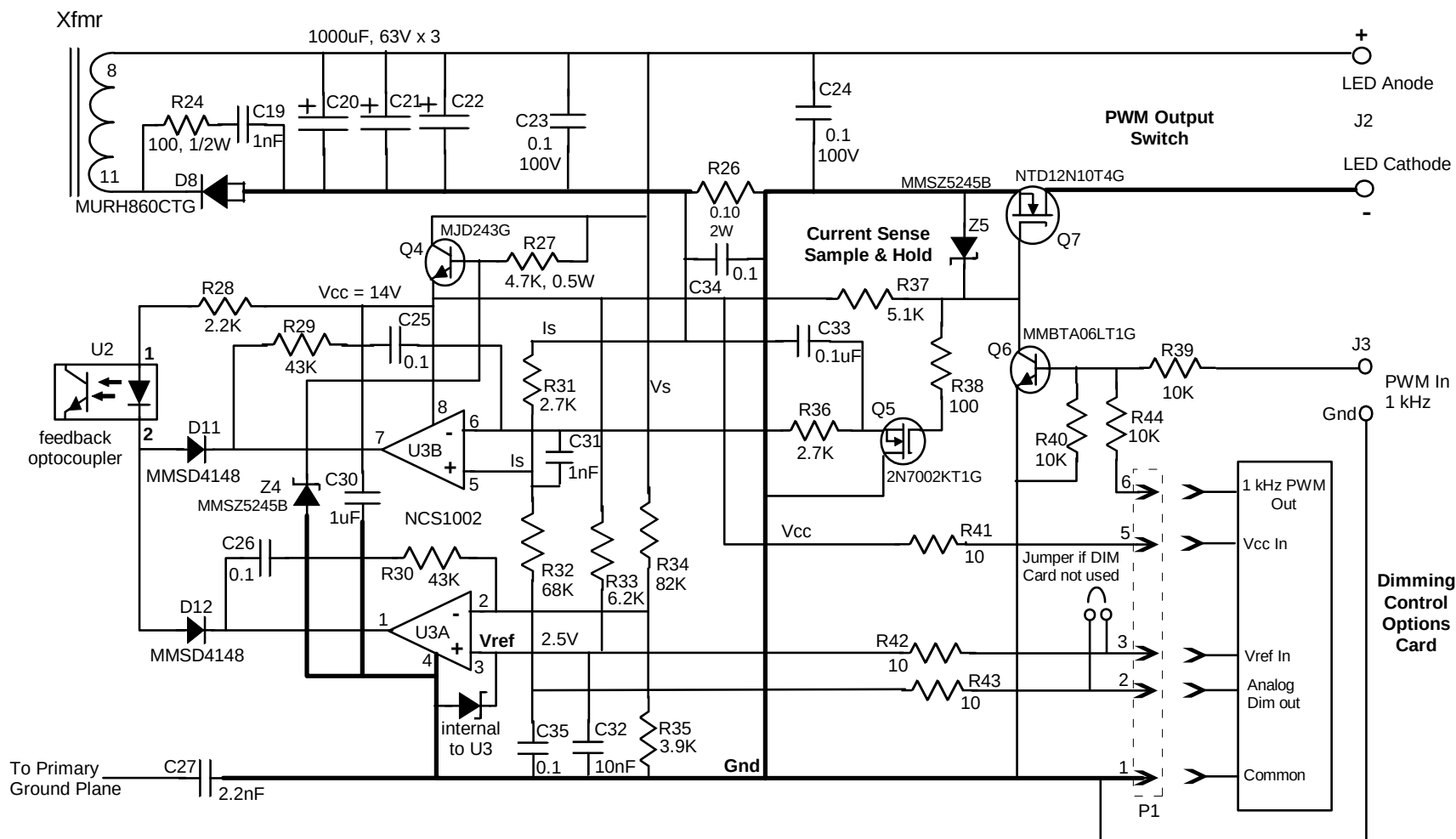
Schematic for the NCL30001LEDGEVB Evaluation Board



Notes:

1. Crossed schematic lines are not connected.
2. Heavy lines indicate power traces/planes.
3. Z2/D9 is for optional OVP (not used).
4. L1 is Coilcraft BU10-1012R2B or equivalent.
5. L2 is Coilcraft P3221-AL or equivalent.
6. L3 is Coilcraft RFB0807-3R3L or equivalent.
7. Q1 and D8 will require small heatsinks.

NCL30001 CVCC, 90 Watt Power Supply Primary Control Side Schematic



50V/1.0A LED Driver CVCC Secondary Sensing with PWM Dimming Input & Option Card (Rev 3A)

