

Component list

Source

Data From:

Project:

Variant:

RD071408JC.PrjPCB

Offline Flyback LED Driver

None

| # | Designator | LibRef | Comment | Footprint | Quantity | Notes |
|----|---------------------------|---------------------------------|----------------|-------------------------|----------|-------|
| 1 | C1 | CAPACITOR - NONPOLARIZED | .1uF, 500V,X7R | 1812 | 1 | |
| 2 | C2 | CAPACITOR - NONPOLARIZED | 1.0uF,50V,X7R | 0805 | 1 | |
| 3 | C3 | CAPACITOR - NONPOLARIZED | .01uF, 25V | 0603 | 1 | |
| 4 | C4 | CAPACITOR - NONPOLARIZED | 100pF,25V,COG | 0603 | 1 | |
| 5 | C5 | CAPACITOR - NONPOLARIZED | 4700pF,10V,X7R | 0603 | 1 | |
| 6 | C6 | CAPACITOR - NONPOLARIZED | .47uF,250V | 1812 | 1 | |
| 7 | C7 | CAPACITOR - NONPOLARIZED | .47uF,250V,X7R | 1812 | 1 | |
| 8 | D1 | DIODE | US1B-13-F | SMA | 1 | |
| 9 | D2 | DIODE - D2PAK | CUDD8-04 | D2PAK | 1 | |
| 10 | D4 | DIODE - ZENER - 2LEAD | 1N5273 | AXIAL - 400MIL | 1 | |
| 11 | D5 | DIODE | 1N4148 | SOT23-3 | 1 | |
| 12 | D6 | DIODE - SCHOTTKY | BAT54 | SOT23-3 | 1 | |
| 13 | HS1 | HEAT SINK | 637 SERIES | HEAT SINK -- 637 SERIES | 1 | |
| 14 | Q1 | MOSFET - N CHANNEL | 2SK3564 | TO-220 Stand up offset | 1 | |
| 15 | R1, R2, R3, R5, R6, R7 | RESISTOR | 249K,.25W | 1206 | 6 | |
| 16 | R4, R8 | RESISTOR | 3.01K | 0603 | 2 | |
| 17 | R9 | RESISTOR | 6.81K | 0603 | 1 | |
| 18 | R10 | RESISTOR | 0.27 | 1206 | 1 | |
| 19 | R11 | RESISTOR | 100K | 0603 | 1 | |
| 20 | R12 | RESISTOR | 3, 1W | 2512 | 1 | |
| 21 | R13 | RESISTOR | 20.0 | 0603 | 1 | |
| 22 | R14 | RESISTOR | 1.00 | 0603 | 1 | |
| 23 | TX1 | TRANSFORMER - 3 WINDING - NO SH | GA3502-BL | TXFR - COILCRAFT EDF25 | 1 | |
| 24 | U1 | MAX16801 | MAX16801 | UMAX8/TDFN8 | 1 | |