

Bill of Materials

| Reference | Qty | Part Number | Description | Package | Manufacturer |
|------------------|-----|---------------------|--------------------------|--------------------|--------------|
| U1 | 1 | RT6280BHGQUF | DC-DC Converter | UQFN-12HL 3x3 (FC) | RICHTEK |
| C3 | 1 | C1608X5R0J475KT | 4.7 μ F/6.3V/0603 | C-0603 | TDK |
| C4 | 1 | C1608X5R1E105KT000E | 1 μ F/25V/X5R/0603 | C-0603 | TDK |
| C6, C9, C15, C16 | 4 | C1608X7R1H104KT000N | 0.1 μ F/50V/X7R/0603 | C-0603 | TDK |
| C7 | 1 | 0603N680J500 | 68pF/50V/NPO/0603 | C-0603 | WALSIN |
| C8, C10 | 2 | UMK325BJ106MM | 10 μ F/50V/X5R/1210 | C-1210 | TAIYO YUDEN |
| C11, C12 | 2 | C3225X5R1E226MT | 22 μ F/25V/X5R/1210 | C-1210 | TDK |
| L1 | 1 | 7443552150 | 1.5 μ H | L-GSCDK104 | WE |
| R3, R19 | 2 | WR06X1003FTL | 100k/0603 | R-0603 | WALSIN |
| R4 | 1 | RTT039092FTP | 90.9k/0603 | R-0603 | WALSIN |
| R5 | 1 | WR06X2002FTL | 20k/0603 | R-0603 | WALSIN |
| R11 | 1 | WR06X3602FTL | 36k/0603 | R-0603 | WALSIN |
| R12, R15 | 2 | WR06X000PTL | 0R/0603 | R-0603 | WALSIN |
| R16 | 1 | WR06X7502FTL | 75k/0603 | R-0603 | WALSIN |
| R18 | 1 | WR06X1002FTL | 10k/0603 | R-0603 | WALSIN |

More Information

For more information, please find the related datasheet or application notes from Richtek website <http://www.richtek.com>.

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