

Bill of Materials

| Reference | Qty | Part Number | Description | Package | Manufacture |
|---------------------|-----|---------------------|--------------------------------|----------------|-------------|
| U4 | 1 | RT2855ALGQW | DC/DC Converter | WQFN-16 3x3 | RICHTEK |
| C1 | 1 | | NC | | |
| C2, C5, C6, C8, C12 | 5 | C1608X7R1H104K080AA | 0.1 μ F/ \pm 10%/50V/X7R | C-0603 | TDK |
| C3, C4 | 2 | UMK325BJ106MM | 10 μ F/50V/X7R | C-1210 | TAIYO YUDEN |
| C7 | 1 | 0603B332K500 | 3.3nF/50V/X7R | C-0603 | WALSIN |
| C9 | 1 | C3225X5R1E226MT | 22 μ F/25V/X5R | C-1210 | TDK |
| C10 | 1 | C3225X5R1E226MT | 22 μ F/25V/X5R | C-1210 | TDK |
| C13 | 1 | | NA | | |
| C14 | 1 | | NA | | |
| L1 | 1 | NR8040T1R4N | 1.4 μ H/7A | 8 x 8 x 4.2 mm | TAIYO YUDEN |
| R1 | 1 | | 0 | R-0603 | |
| R2 | 1 | | 8.25k | R-0603 | |
| R3 | 1 | | 22.1k | R-0603 | |
| R4, R5 | 2 | | 100k | R-0603 | |
| R6, R7 | 2 | | NA | | |

More Information

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

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