

REFLED009-EVK-004 Parts list

| No | Package | Parameters | Part name(series) | Type | Manufacturer |
|--------|---------------------|-------------------------|-------------------|----------|--------------|
| CIN1 | - | Open | - | - | - |
| CIN2 | 3225 | 10 μ F, X7S, 50V | GCM32EC71H106KA | Ceramic | Murata |
| CINP1 | 3225 | 4.7 μ F, X7R, 50V | GCM32ER71H475KA | Ceramic | Murata |
| CINP2 | 3225 | 4.7 μ F, X7R, 50V | GCM32ER71H475KA | Ceramic | Murata |
| CINP3 | - | Open | - | - | - |
| CSW1 | 3225 | 4.7 μ F, X7R, 50V | GCM32ER71H475KA | Ceramic | Murata |
| CSW2 | 3225 | 4.7 μ F, X7R, 50V | GCM32ER71H475KA | Ceramic | Murata |
| CVIN | 1005 | 0.1 μ F, X7R, 50V | GCM155R71H104KE | Ceramic | Murata |
| CCOMP | 2012 | 1 μ F, R, 25V | GCM21BR11E105KA | Ceramic | Murata |
| CVDRV5 | 2012 | 2.2 μ F, X7R, 25V | GCM21BR71E225KA | Ceramic | Murata |
| C1 | 1005 | 0.01 μ F, X7R, 50V | GCM155R71H103KA | Ceramic | Murata |
| C2 | 1005 | 0.01 μ F, X7R, 50V | GCM155R71H103KA | Ceramic | Murata |
| C3 | 1005 | 0.01 μ F, X7R, 50V | GCM155R71H103KA | Ceramic | Murata |
| C4 | - | Open | - | - | - |
| C5 | 1005 | 0.01 μ F, X7R, 50V | GCM155R71H103KA | Ceramic | Murata |
| C6 | - | Open | - | - | - |
| C7 | - | Open | - | - | - |
| C8 | 1005 | 1000pF, X7R, 100V | GCM155R72A102KA | Ceramic | Murata |
| C9 | 1608 | 0.01 μ F, X7R, 100V | GCM188R72A103KA | Ceramic | Murata |
| C10 | 1608 | 0.01 μ F, X7R, 100V | GCM188R72A103KA | Ceramic | Murata |
| CO1 | 1608 | 0.01 μ F, X7R, 100V | GCJ188R72A104KA | Ceramic | Murata |
| CO2 | 3225 | 4.7 μ F, X7S, 100V | GCM32DC72A475KE | Ceramic | Murata |
| CO3 | 3225 | 4.7 μ F, X7S, 100V | GCM32DC72A475KE | Ceramic | Murata |
| CO4 | 3225 | 4.7 μ F, X7S, 100V | GCM32DC72A475KE | Ceramic | Murata |
| CO5 | 3225 | 4.7 μ F, X7S, 100V | GCM32DC72A475KE | Ceramic | Murata |
| L1 | W12.3xL12.3xH8.05mm | 10 μ H | MSD1278T-103MLB | Inductor | Coilcraft |
| L-FIL1 | W6.0xL6.0xH4.5mm | 2.2 μ H | CLF6045NIT-2R2N-D | Inductor | TDK |
| U1 | W6.5xL6.4xH1.0mm | - | BD18353EFV-M | IC | ROHM |
| REN1 | 1005 | 51k Ω | MCR01 Series | Resistor | ROHM |
| REN2 | 1005 | 10k Ω | MCR01 Series | Resistor | ROHM |
| RDIM1 | - | Open | - | - | - |
| RDIM2 | - | Open | - | - | - |
| RCOMP | 1005 | 33k Ω | MCR01 Series | Resistor | ROHM |
| RRT | 1005 | 24k Ω | MCR01 Series | Resistor | ROHM |
| RDSET1 | 1005 | 39k Ω | MCR01 Series | Resistor | ROHM |
| RDSET2 | 1005 | 10k Ω | MCR01 Series | Resistor | ROHM |
| RSNS | 1632 | 0.16 Ω , 1W | LTR18 Series | Resistor | ROHM |
| ROPUD1 | 1005 | 560k Ω | MCR01 Series | Resistor | ROHM |
| ROPUD2 | 1005 | 10k Ω | MCR01 Series | Resistor | ROHM |

| No | Package | Parameters | Part name(series) | Type | Manufacturer |
|--------|---------|-------------|-------------------|----------|--------------|
| RCS | 1632 | 0.024Ω, 1W | LTR18 series | Resistor | ROHM |
| RCSSLP | 1005 | 2.4kΩ | MCR01 Series | Resistor | ROHM |
| R1 | 1005 | 47kΩ | MCR01 Series | Resistor | ROHM |
| R2 | 1005 | 47kΩ | MCR01 Series | Resistor | ROHM |
| R3 | 1005 | 10kΩ | MCR01 Series | Resistor | ROHM |
| R4 | 1005 | 47kΩ | MCR01 Series | Resistor | ROHM |
| R5 | 1005 | 47kΩ | MCR01 Series | Resistor | ROHM |
| R6 | - | Short | - | - | - |
| R7 | - | Short | - | - | - |
| R8 | - | Short | - | - | - |
| R9 | 1005 | 10kΩ | MCR01 Series | Resistor | ROHM |
| D1 | TO-277 | 100V, 8A | RB048RSM10S | Diode | ROHM |
| Q1 | SOT-23 | -60V, -0.6A | SSTA56HZG | Bipolar | ROHM |

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