

DDB115R1 BOM

| Qty | Ref | Value | Description | Package | Manufacturer | Manufacturer P/N |
|-----|-----------------------------|-------|--|-------------------|---------------------|--------------------|
| 1 | U2 | | AP68255Q/AP68355Q/AP6A255Q/AP6A355Q | SO8-EP | Diodes Incorporated | Customer Provides |
| 1 | U1 | | AP74700AQ | SOT26 | Diodes Incorporated | Customer Provides |
| 1 | Q1 | | DMTH8028LFGQ/DMTH10H032L FVWQ N-Channel MOSFET | PowerDI333-8 | Diodes Incorporated | Customer Provides |
| 1 | D1 | | SMF4LxxxAQ TVS | DO219-AA | Diodes Incorporated | Customer Provides |
| 1 | D2 | | SBR8M100P5Q / PDS5100Q Rectifier | PowerDI5 | Diodes Incorporated | Customer Provides |
| 1 | C7 | 100nF | Ceramic Capacitor 100V X7R 10% | 0805 | Murata | GCM21BR72A104KA37L |
| 2 | C18, C19 | 100nF | Ceramic Capacitor 50V X7R 10% | 0402 | Murata | GCM155R71H104KE02D |
| 1 | C16 | 1uF | Ceramic Capacitor 50V X7R 10% | 0603 | Yageo | CC0603KRX7R9BB105 |
| 1 | C23 | 10nF | Ceramic Capacitor 100V X7R 10% | 0402 | Yageo | CC0402KRX7R0BB103 |
| 1 | C22 | 47pF | Ceramic Capacitor 100V C0G/NP0 5% | 0603 | Vishay | VJ0603A470JXBAC |
| 2 | C10, C11 | 4.7uF | Ceramic Capacitor 100V X7S 10% | 1210 | Murata | GCM32DC72A475KE02L |
| 2 | C15, C17 | 22uF | Ceramic Capacitor 25V X7R 10% | 1210 | Murata | GCM32EC71E226KE36L |
| 1 | C5 | 1uF | Ceramic Capacitor 100V X7S 10% | 0805 | Murata | GRJ21BC72A105KE11L |
| 7 | C1, C2, C3, C4, C6, C8, C12 | 100nF | Ceramic Capacitor 100V X7R 10% | 0603 | Murata | GRM188R72A104KA35D |
| 1 | L1 | | Common-mode Choke | 7mm x 6mm x 3.5mm | Bourns | SRF7035A-102Y |
| 1 | L2 | 6.8uH | Shielded Inductor | 5050 | Coilcraft | XGL5050-682MEC |
| 1 | L3 | 68uH | Shielded Inductor | 12mm x 12mm | Coilcraft | MSS1278-683MLD |
| 2 | R1, R2, R4 | 100kΩ | Film Resistor | 0603 | Panasonic | ERJ3EKF1003V |
| 1 | R5 | 11kΩ | Film Resistor | 0603 | Panasonic | ERJPA3F3402V |
| 2 | VIN, VOUT | | 1.6mm Red Test Eyelets | 1.6mm | Keystone | 5005 |
| 2 | GNDIN, GND | | 1.6mm Black Test Eyelets | 1.6mm | Keystone | 5006 |