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| **Qty:** | **Idents** | **Description** | **Footprint** |
| 1 | U2 | Diodes Incorporated AP64xx2Q | SO8-EP |
| 1 | U1 | Diodes Incorporated AP74700AQ | SOT26 |
| 1 | Q1 | Diodes Incorporated DMTH6016LFVWQ | PowerDI3333-8 |
| 1 | D1 | Diodes Incorporated SMF4LxxxAQ | DO219-AA |
| 7 | C1, C2, C3, C4, C12, C16, C21 | Murata GCJ188R72A104KA01J 100nF 100V X7R Capacitor | 0603 |
| 2 | C13, C22 | Kyocera 06031C103K4Z4A 10nF 100V X7R Capacitor | 0603 |
| 1 | C4 | Multicomp Pro MCMT21N101F500CT 100pF 50V Ceramic SMD C0G Capacitor | 0805 |
| 1 | C6 | Murata C0805C223K1RACAUTO 22nF 100V X7R Capacitor | 0805 |
| 2 | C23, C19 | Murata GCM155R72A472KA37D 4.7nF | 0402 |
| 1 | C12 | Yageo GCM21BR72A104KA37L 100nF 100V X7R Capacitor | 0805 |
| 2 | C15, C17, C18, C24 | Yageo C1210C476M4PACTU 47uF 16V X5R Ceramic SMD Capacitor | 1210 |
| 1 | C5, C8 | Murata GRJ21BC72A105KE11L 1uF 100V X7S Ceramic SMD Capacitor | 0805 |
| 1 | C10, C11 | TDK CGA6P1X7R1N106K250AC 10uF 75V X7R Ceramic SMD Capacitor | 1210 |
| 1 | C9 | Murata GCJ31CR72A105KA01K 1uF 100V X7R Ceramic SMD Capacitor | 1206 |
| 1 | C2 | TDK CGA6M2X7R2A105K200AA 1uF 100V X7R Ceramic SMD Capacitor | 1210 |
| 1 | C6 | TDK CGA4J3X7R1H225K125AB 2.2uF 50V 0805 | 0805 |
| 2 | J1 | Multicomp Pro 2211S-03G 3 contact header | 2.54mm, 3 Contact, 1 Row |
| 1 | L1 | Common-mode Choke, BOURNS SRF7035A-102Y | 7mm x 6mm x 3.5mm |
| 1 | L2 | Coilcraft XGL5030-682MEC,  6.8uH, 5.5A | 5030/4030 |
| 1 | L3 | Coilcraft XGL5030-183MEC,  18uH, 3.3A (AP64102Q)  Coilcraft XGL4030-822MEC,  8.2uH, 3.5A (AP64202Q)  Coilcraft XGL5030-562MEC,  5.6uH, 6A (AP64352Q)  Coilcraft XGL5030-472MEC,  4.7uH, 6.7A (AP64502Q) | 5030/4030 |
| 2 | R1 | Panasonic ERJ3EKF1003V 100kΩ SMD Thick Film Resistor | 0603R |
| 1 | R2 | Panasonic ERJ6GEYJ104V 100kΩ SMD Resistor | 0805 |
| 1 | R3 | Panasonic ERJHP6F2003V 200k SMD Resistor | 0805 |
| 1 | R4 | Panasonic ERJP06F5232V 52.3k SMD Resistor | 0805 |
| 1 | R5 | Panasonic ERJ6ENF1002V 10k SMD Resistor | 0805 |
| 4 | Vin, Vout, PGND, GND | Keystone 5005/5006 (Red/Black) Test eyelets | 1.6mm test eyelets |

**DDB108R2 BOM**