

BD86852MUF-TSB-001 Parts list

| Reference Designator | Type | Value | Description | Manufacturer Part Number | Manufacturer | Package, Size(mm) |
|----------------------|-------------------|-------------------|-------------|--------------------------|--------------|-------------------|
| RRT | Resistor | 27kΩ | - | MCR01MZPF2702 | ROHM | 1005 |
| RPG | Resistor | 10kΩ | - | MCR01MZPF1002 | ROHM | 1005 |
| CIN0 | Ceramic Capacitor | 0.1μF | 25V | CGA2B3X7R1E104K | TDK | 1005 |
| C5 | Ceramic Capacitor | 1μF | 16V | CGA3E1X7R1C105K | TDK | 1608 |
| CIN1 | Ceramic Capacitor | 4.7μF | 25V | CGA4J1X7R1E475K | TDK | 2012 |
| CSSC | Ceramic Capacitor | 3300pF (optional) | 50V | (CGA2B2X7R1H332K) | TDK | 1005 |
| CO1 | Ceramic Capacitor | 10μF | 10V | CGA4J3X7S1A106K | TDK | 2012 |
| CB1 | Ceramic Capacitor | 47nF | 16V | CGA2B2X7R1C473K | TDK | 1005 |
| CIN23 | Ceramic Capacitor | 2.2μF | 16V | CGA4J3X7R1C225K | TDK | 2012 |
| CO2 | Ceramic Capacitor | 10μF | 6.3V | CGA4J1X7R0J106K | TDK | 2012 |
| CO3 | Ceramic Capacitor | 10μF | 6.3V | CGA4J1X7R0J106K | TDK | 2012 |
| L1 | Inductor | 3.3μH | 2.0A | TFM252012ALMA3R3MTAA | TDK | 2520 |
| L2 | Inductor | 1.5μH | 2.3A/20V | TFM201610ALMA1R5M | TDK | 2016 |
| L3 | Inductor | 1.5μH | 2.3A/20V | TFM201610ALMA1R5M | TDK | 2016 |
| CIN4 | Ceramic Capacitor | 4.7μF | 25V | CGA4J1X7R1E475K | TDK | 2012 |
| CO4 | Ceramic Capacitor | 10μF | 10V | CGA4J3X7S1A106K125AB | TDK | 2012 |
| IC1 | LDO | - | - | BU29JA2MNVX-C | ROHM | SSON004R1010 |
| IC | PMIC | - | - | BD86852MUF-C | ROHM | VQFN24FV4040 |
| CBAT1 | Ceramic Capacitor | 10μF(optional) | 25V | (CGA6P3X7R1E226M250AB) | TDK | 3225 |
| CBAT2 | Ceramic Capacitor | 10μF(optional) | 25V | (CGA6P3X7R1E226M250AB) | TDK | 3225 |
| LBAT1 | - | SHORT (optional) | - | - | - | - |
| LBAT2 | Ferrite bead | 120Ω(optional) | - | (BLM21PG121SH1) | TDK | 2012 |
| JEN | Jumper | 0Ω | - | - | - | 1608 |
| JMD1_H | Jumper | 0Ω | - | - | - | 1608 |
| JMD1_L | Jumper | - | - | - | - | 1608 |
| JMD2_H | Jumper | - | - | - | - | 1608 |
| JMD2_L | Jumper | 0Ω | - | - | - | 1608 |
| JMDO_H | Jumper | 0Ω | - | - | - | 1608 |
| JMDO_L | Jumper | - | - | - | - | 1608 |
| | | | | | | |

Items marked as (optional) may be necessary depend on system configuration.

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