

Parts list



| | No. | Parts | Size | Value | Vender | Parts No. | Note |
|-----------|-----|-----------|------|--------|-----------|--------------------|--|
| Charger | U1 | IC | - | - | ROHM | BD7090NUV | |
| | C1 | Capacitor | 1608 | 10uF | Murata | GRM188Z71A106KA73D | |
| | C10 | Capacitor | 1608 | 10uF | Murata | GRM188Z71A106KA73D | |
| | R1 | Resistor | 0603 | 1.6kΩ | ROHM | MCR006 | For LED. |
| | D1 | LED | 1006 | - | ROHM | SML-P11VTT86RH | |
| | R8 | Resistor | 0603 | 100kΩ | ROHM | MCR006 | Charge voltage = 2.6V. |
| | R9 | Resistor | 0603 | 332kΩ | ROHM | MCR006 | |
| | R3A | Resistor | 0603 | 1.5kΩ | ROHM | MCR006 | Charge current = 4.0mA. |
| | R3B | Resistor | 0603 | 124kΩ | ROHM | MCR006 | |
| | C3 | Capacitor | 0603 | 0.1uF | Murata | GRM033C71C104KE14D | Charge termination current = 0.15mA. |
| | R4 | Resistor | 0603 | 332kΩ | ROHM | MCR006 | |
| | R5A | Resistor | 0603 | Open | | | Temperature monitoring setting = disabled. |
| | R5B | Resistor | 0603 | 0Ω | ROHM | MCR006 | |
| | C5 | Capacitor | 0603 | Open | | | |
| RESET IC | U6 | IC | - | Open | | | RESET IC not mounted. |
| | C4 | Capacitor | 0603 | Open | | | |
| | R6 | Resistor | 0603 | 0Ω | ROHM | MCR006 | |
| DC-DC | U5 | IC | - | - | ROHM | BD8B133NVX | |
| | C6 | Capacitor | 1005 | 4.7uF | Murata | GRM155D71A475ME15D | |
| | C2 | Capacitor | 1608 | 10uF | Murata | GRM188Z71A106KA73D | |
| | L1 | Inductor | 1608 | 0.47uH | Murata | DFE18SANR47MG0# | |
| Battery | U4 | Battery | - | - | Maxell | PSB401010H | |
| Jumper | J1 | Jumper | 1005 | 0Ω | ROHM | PMR01ZZPJ000 | |
| | J2 | Jumper | 0603 | Open | | | |
| | J3 | Jumper | 0603 | Open | | | |
| | J4 | Jumper | 0603 | Open | | | |
| | J5 | Jumper | - | - | MAC EIGHT | HHP-3 | For output voltage switching. |
| | J6 | Jumper | - | - | MAC EIGHT | HHP-3 | For step-up DC-DC enable. |
| | J7 | Jumper | 0603 | Open | | | |
| Connector | CN1 | Connector | - | - | HIROSE | ZX62-B-5PA(33) | For charging from USB. |

Notes

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