

| Comment               | Description                           | Designator | Footprint                   | LibRef                  | Quantity |
|-----------------------|---------------------------------------|------------|-----------------------------|-------------------------|----------|
| 4.7uF                 | CAP CER 4.7UF 35V<br>X7R 1206         | C1, C2     | CAP 1206/3216 -<br>1.0MM    | C3216X7R1V475K08<br>5AC | 2        |
| 1uF                   | CAP CER 1UF 50V<br>X7R 1206           | C3         | CAP 1206/3216               | C3216X7R1H105M1<br>60AB | 1        |
| 10000pF               | CAP CER 10000PF<br>250V C0G 1206      | C4         | CAP 1206/3216               | C3216C0G2E103J11<br>5AA | 1        |
| B130LAW-7-F           | DIODE SCHOTTKY<br>30V 1A SOD123       | D1         | SOD-123                     | B130LAW-7-F             | 1        |
| Green                 | LED GREEN<br>DIFFUSED 1206 SMD        | D2         | LED 1206/3216<br>GREEN      | HSMG-C150               | 1        |
| MCP73831T-<br>2ATI/OT | IC CONTROLLER LI-<br>ION 4.2V SOT23-5 | IC1        | MICROCHIP SOT-23-<br>5 OT   | MCP73831T-<br>2ATI/OT   | 1        |
| DMP2035U-7            | MOSFET P-CH 20V<br>3.6A SOT-23        | IC2        | DIODES SOT-23-3             | DMP2035U-7              | 1        |
| Micro USB             | CONN USB MICRO<br>B RECPT SMT R/A     | J1         | FCI USB 10118193-<br>0001LF | 10118193-0001LF         | 1        |
| BATTERY               | CONN HEADER XH<br>TOP 2POS 2.5MM      | J2         | JST XH B2B-XH-A             | B2B-XH-A(LF)(SN)        | 1        |
| LOAD                  | CONN HEADER XH<br>TOP 2POS 2.5MM      | J3         | JST XH B2B-XH-A             | B2B-XH-A(LF)(SN)        | 1        |
| 100k                  | RES SMD 100K<br>OHM 1% 1/4W 1206      | R1         | RES 1206/3216               | ERJ-8ENF1003V           | 1        |
| 10                    | RES SMD 10 OHM<br>1% 1/4W 1206        | R2         | RES 1206/3216               | ERJ-8ENF10R0V           | 1        |
| 470                   | RES SMD 470 OHM<br>1% 1/4W 1206       | R3         | RES 1206/3216               | ERJ-8ENF4700V           | 1        |
| 10k                   | RES SMD 10K OHM                       | R4         | RES 1206/3216               | ERJ-8ENF1002V           | 1        |
|                       |                                       |            |                             |                         |          |