

STNS01 Battery Management Breakout Board v1.0

Breakout board for a load-sharing battery/power control chip.

Bill of Materials

Ref	Qty	Description	Digikey PN
C1 C3 C4	3	CAP CER 2.2UF 10V X7R 0603	490-4520-1-ND
C2	1	CAP CER 4.7UF 6.3V X7R 0603	1276-2087-1-ND
J1	1	USB MICRO-B CONN 5PIN SMT STUDS	609-4616-1-ND
J2	1	CONN HEADER PH SIDE 2POS 2MM	455-1719-ND
J3 J4	2	HEADER MALE 7POS TH 1x07 0.1IN	952-1902-ND
LED1	1	LED RED DIFFUSED 0603 SMD	516-3074-1-ND
R1	1	RES SMD 0.0 OHM JUMPER 1/8W 0603	MCT0603-0.0-ZZCT-ND
R2 R5 R6	3	RES SMD 10K OHM 1% 1/8W 0603	RNCP0603FTD10K0CT-ND
R3	1	NTC THERMISTOR 10K OHM 5% 0603	445-174327-1-ND
R4	1	RES SMD 604 OHM 1% 1/10W 0603	P604HCT-ND
S2	1	SWITCH SLIDE SPDT 200MA 30V	EG1903-ND
U1	1	IC LI-ION BATT CHARGER LDO STNS01 DFN12	497-13880-1-ND
U2	1	IC REG LDO 3.3V 0.3A SOT23-3	AP7333-33SAG-7DICT-ND

Ref	Qty	Description	Adafruit PN
B1	1	Lithium Ion Polymer Battery - 3.7v 500mAh	1578



