

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
1	1	C1	CAP, 10uF 10% 35V ALUM	SANYO 35CV10AX
2	1	C2	CAP,0603 0.1uF 20% 25V Y5V	AVX 06033G104ZAT2TA
3	4	C3,C4,C9,C10	CAP, 1812 10uF 20% 25V X5R	TDK C4532X7R1E106M
4	1	C5	CAP,0603 0.01uF 10% 25V X7R	AVX 06033C103KAT
5	1	C6	CAP,0603 0.1uF 20% 10V X7R	AVX 0603ZC104MAT
6	1	C7	CAP,0603 0.12uF 20% 10V X7R	AVX 0603ZC124MAT
7	2	C8,C14	CAP,0805 0.1uF 10% 16V X7R	AVX 08055C104KAT
8	1	C11	CAP,1206 1uF 20% 25V Y5V	AVX 12063G105ZATMA
9	1	C12	CAP,0603 0.1uF 10% 16V X7R	AVX 0603YC104KAT
10	1	C13	CAP, 3828 10uF 20% 16V TANT	AVX TAJB106M016
11	1	C15	CAP,0603 0.068uF 10% 16V X7R	TAIYO YUDEN EMK107BJ683KA
12	1	C16	CAP,0603 1500pF 10% 100V X7R	AVX 06031C152KAT2A
13	1	D1	DIODE, MBRM140T3	MOTOROLA MBRM140T3
14	1	D2	DIODE, ZENER MMSZ5248BS 18V SOT323	DIODES INC. MMSZ5248BS
15	1	D3	LED, AMBER	PANASONIC LN1451C-(TR)
16	3	D4,D5,D6	LED, GREEN	PANASONIC LN1351C-(TR)
17	1	D7	LED, RED	PANASONIC LN1251C-(TR)
18	1	D8	DIODE, BAV70 SWITCHING 350mW SOT-23	DIODES INC. BAV70
19	3	JP1,JP2,JP3	JUMPER, 1X3 PINS, 2MM	COMM CON 2802S-03-G1
20	1	J1	CONN, 2 PIN	CUI-STACK PJ002A
21	1	J2	CONN, 10 PIN	AMP INC. 787441-1
22	1	L1	IND, 10uH	WURTH ELECTRONIK 7443251000
23	4	MH1,MH2,MH3,MH4	STANDOFF, SNAP ON	KEystone_8831
24	1	P1	CONN, DSUB 15 PIN	AMP INC. 74-8390-5
25	1	Q1	XSTR, Si4925DY DUAL P-CHANNEL MOSFET SO8	VISHAY SILICONIX Si4925DY
26	1	Q2	XSTR, Si4431ADY P-CHANNEL MOSFET SO8	VISHAY SILICONIX Si4431ADY
27	7	Q3,Q4,Q5,Q6,Q7,Q8,Q9	XSTR, 2N7002 N-CHANNEL MOSFET	ZETEX 2N7002
28	1	Q11	XSTR, FDC645N N-CHANNEL MOSFET SUPERSOT	FAIRCHILD FDC655BN
29	1	R1	RES,0603 5.1K OHMS 5% 1/16W	AAC CR16-512JM
30	1	R2	RES, 1206 0.028 OHM 1% 0.5W	IRC LR1206-01-R028-F
31	2	R4,R5	RES,0603 15K OHMS 5% 1/16W	AAC CR16-153JM
32	1	R7	RES, 1206 0.025 OHMS 1% 0.5W	IRC LRF1206-01-R025-F
33	1	R8	RES,0603 100 OHMS 5% 1/16W	AAC CR16-101JM
34	2	R9,R11	RES,0603 10 OHMS 5% 1/16W	AAC CR16-100JM

35	1	R10	RES,0603 1.13K OHMS 1% 1/16W	AAC CR16-1131FM
36	1	R12	RES,0603 6.04K OHMS 1% 1/16W	AAC CR16-6041FM
37	1	R13	RES,0603 10K OHMS 1% 1/16W	AAC CR16-1002FM
38	1	R14	RES,0603 54.9K OHMS 1% 1/16W	AAC CR16-5492FM
39	0	R15	RES, 0603 DO NOT STUFF	NONE
40	1	R16	RES,0603 100K OHMS 5% 1/16W	AAC CR16-104JM
41	1	R17	RES,0603 13.7K OHMS 1% 1/16W	AAC CR16-1372FM
42	6	R18,R21,R22,R23,R24,R25	RES,0603 300 OHMS 5% 1/16W	AAC CR16-301JM
43	2	R19,R26	RES,0603 33.2K OHMS 1% 1/16W	AAC CR16-3322FM
44	1	R20	RES,0603 1.21K OHMS 1% 1/16W	AAC CR16-1211FM
45	13	TP1-TP10,TP12-TP14	TURRET	MILL-MAX 2308-2
46	1	U1	IC, LTC4100EGN SMART BATTERY CONTROLLER	LINEAR TECH LTC 4100EG
47	1	U2	IC, LT1129CS8-5 SO8	LINEAR TECH. LT1129CS8-5
48	3	JP1,JP2,JP3	SHUNT	SAMTEC 2SN-BK-G