

	A	B	C	D	E
1	Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
2	1	0	BT1	HOLDER, BATTERY 20mm OPTION	KEYSTONE 1066 OPTION
3	2	2	C12,COUT	CAP, 1206 10uF 20% 25V TANT	AVX F951E106MAAAQ2
4	3	3	C1,C2,C7	CAP, 2220 47uF20% 25V X5R	TDK CKG57NX5R1E476M500JH
5	4	0	C3,C4,C5,C6	CAP, 1206 22uF 20% 6.3V X5R OPTION	TAIYO YUDEN EMK316BJ226ML-T OPTION
6	5	0	C8	CAP, 2220 OPTION	OPTION
7	6	2	C9,C10	CAP, 0805 0.1uF 10% 25V X5R	AVX 08053D104KAT2A
8	7	1	C11	CAP, 0805 10nF 10% 16V X7R	AVX 0805YC103KAT2A
9	8	1	C13	CAP, 0805 1nF 10% 50V X7R	AVX 08055C102KAT
10	9	1	C14	CAP, 7343 10uF 10% 35V TANT	AVX TPSD106K035R0300
11	10	2	D1,D3	DIODE, 600 WATT TRANSIENT VOLTAGE SUPPRESSOR	LITTLEFUSE INC. SMAJ18CA
12	11	1	D5	DIODE, 400W 22V TRANSIENT VOLTAGE SUPPRESSOR	VISHAY TPSMA22A
13	12	1	D6	DIODE, SCHOTTKY BARRIER RECTIFIER 30V 1.0A	DIODES INC. DFLS130-7
14	13	1	D7	LED, 0603 GREEN	WURTH ELEKTRONIK 150060GS75000
15	14	1	D8	LED, 0603 BLUE	WURTH ELEKTRONIK 150060BS75000
16	15	1	D9	LED, 0603 WHITE	PANASONIC LNJ026X8ARA1
17	16	5	E1,E8,E9,E11,E14	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0
18	17	8	E2,E3,E4,E5,E6,E7,E10,	TURRET	MILL MAX 2308-2-00-80-00-00-07-0
19			E12		
20	18	4	JP1,JP4,JP5,JP6	HEADER, 2mm, 3PIN	SULLINS, NRPN031PAEN-RC
21	19	1	JP2	HEADER, 2mm, 3PIN	SULLINS NRPN031PAEN-RC
22	20	4	MH1,MH2,MH3,MH4	STANDOFF, SNAP ON	KEYSTONE_8831
23	21	1	R1	RES, 0805 1.21M PHMS 1% 1/18W	VISHAY CRCW08051M21FKEA
24	22	2	R2,R7	RES, 0805 47.5k OHMS 1% 1/8W	VISHAY CRCW080547K5FKEA
25	23	1	R3	RES, 0805 1M OHMS 1% 1/8W	VISHAY CRCW08051M00FKEA
26	24	1	R4	RES, 0805 118K OHMS 1% 1/8W	VISHAY CRCW0805118KFKEA
27	25	0	R5	RES, 0805 69.8K OHMS 1% 1/8W OPTION	VISHAY CRCW080569K8FKEA OPTION
28	26	0	R6	RES, 0805 365K OHMS 1% 1/8W OPTION	VISHAY CRCW0805365KFKEA OPTION
29	27	1	R8	RES, 0805 365K OHMS 1% 1/8W	VISHAY CRCW0805365KFKEA
30	28	2	R9,R13	RES, 0805 511K OHMS 1% 1/8W	VISHAY CRCW0805511KFKEA
31	29	0	R10,R14	RES, 0805 511K OHMS 1% 1/8W OPTION	VISHAY CRCW0805511KFKEA OPTION
32	30	2	R11,R12	RES, 0805 511 OHMS 1% 1/8W	VISHAY CRCW080511R0FKEA
33	31	2	R15,R16	RES, 0805 2 OHMS 1% 1/8W	VISHAY CRCW08052R00FNEA
34	32	0	R17	RES, 0805 1M OHMS 1% 1/8W OPTION	VISHAY CRCW08051M00FKEA OPTION
35	33	1	R18	RES, 0805 510 OHMS 5% 1/8W	VISHAY CRCW0805510RJNEA
36	34	1	SW1	SWITCH, MOMENTARY, PUSH BUTTON	WURTH 434 123 050 816
37	35	1	U1	IC, LTC4420IDD#TRPBF	LINEAR TECH LTC4420IDD#TRPBF
38	36	1	U2	IC, 500mA LOW NOISE LDO MICROPOWER REGULATOR	LINEAR TECH LT1763IS8-2.5#PBF

	A	B	C	D	E
39	37	1	U3	IC, DUAL INVERTER BUFFER/DRIVER WITH OPEN-DRAIN OUTPUTS	TEXAS INSTRUMENTS SN74LVC2G06DCKR
40	38	5	XJP1,XJP2,XJP3,XJP4,XJP5	SHUNT, 2mm	SAMTEC 2SN-BK-G