

	A	B	C	D	E
1	Item	Qty	Ref -Des	Desc	Manufacturer's Part Number
2	1	1	CIN1	CAP 0805 0.1uF 10% 50V X7R	AVX 08055C104KAT4A}
3	2	2	COUT1,COUT2	CAP 1210 100uF 20% 10V X5R	MURATA GRM32ER61A107ME20L}
4	3	1	C2	CAP 0805 2.2uF 10% 6.3V X7R	MURATA GRM21BR70J225MA01L}
5	4	1	C3	CAP, 0603 10uF 20% 10V X5R	AVX 0603ZD106MAT2A}
6	5	0	C4,C6	CAP 0402 OPTION	OPTION}
7	6	1	C5	CAP 0402 0.1uF 10% 10V X5R	MURATA GRM155R71A104KA01J}
8	7	2	C7,C9	CAP 0603 0.1uF 10% 10V X7R	AVX 0603ZC104KA72}
9	8	1	D1	DIODE, SCHOTTKY	NXP BAT46WJ}
10	9	1	D3	LED 0603 RED	LITE-ON LTST-C193KRKT-5A}
11	10	2	D4,D5	LED 0603 ORANGE	LTIE-ON LTST-C193KFKT-5A}
12	11	1	D6	LED O603 GREEN	LITE-ON LTST-C193KGKT-5A}
13	12	18	E1,E2,E4,E5,E6,E7,E8,E9,	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0}
14			E10,E11,E12,E13,E14,E15,		
15			E16,E17,E18,E19		
16	13	7	JP1,JP2,JP3,JP4,JP5,JP6,	HEADER, 3PIN, 2mm	WURTH 620 003 111 21}
17			JP7		
18	14	1	L1	IND, 2.2uH	COILCRAFT XAL5030-222ME}
19	15	4	MH1,MH2,MH3,MH4	STANDOFF, SNAP ON	KEYSTONE_8834}
20	16	1	Q1	XSTR, MOSFET N CHANNEL 40-V	VISHAY SiS488DN-T1-GE3}
21	17	1	Q2	XSTR, MOSFET N CHANNEL 20-V	VISHAY SiS424DN-T1-GE3}
22	18	2	R8,RNTC	RES 0402 10K OHMS 1% 1/16W	VISHAY CRCW040210K0FKED}
23	19	1	R1	RES 0805 6.2k OHMS 5% 0.125W	VISHAY CRCW08056K20JNEA}
24	20	1	R2	RES 0402 357K OHMS 1% 1/16W	VISHAY CRCW0402357KFKED}
25	21	1	R4	RES 0402 1.69M OHMS 1% 1/16W	VISHAY CRCW04021M65FKED}
26	22	1	R5	RES 0402 324K OHMS 1% 1/16W	VISHAY CRCW0402324KFKED}
27	23	1	R6	RES 0603 1.00K OHMS 1% 1/10W	VISHAY CRCW06031K00FKED}
28	24	1	R7	RES, 1206 0.01 OHMS 1% 0.25W	VISHAY WSL1206R0100FEB}
29	25	1	R11	RES 0402 0 OHM JUMPER	VISHAY CRCW04020000Z0ED}
30	26	0	R12,R13,R16	RES 0402 OPTION	OPTION}
31	27	4	R21,R22,R23,R24	RES 0402 390 OHMS 5% 1/16W	VISHAY CRCW0402390RJNED}
32	28	1	R25	RES 0805 1 OHM 5% 0.125W	VISHAY CRCW0805100RJNEA}
33	29	1	R27	RES 0402 121K OHMS 1% 1/16W	VISHAY CRCW040260K4FKED}
34	30	1	U1	IC, BATTERY CHARGER AND BACK-UP POWER MANAGER	LINEAR TECH LTC4040EUF}
35	31	7	XJP1,XJP2,XJP3,XJP4,XJP5,	SHUNT, 2mm	SAMTEC 2SN-BK-G}
36			XJP6,XJP7		