

No	Q. Ty	References	Design P/N	Cross P/N 1	Cross P/N 2	Cross P/N 3	Description	SMD Pin	T/H	Pir	Unit Cost	Sub-Cost
1	6	C1, C3, C12, C21, C26, C27	CC0805ZKY5V6BB226				CAP CER 22UF 10V Y5V 0805	2	12	0	\$0.231	\$1.386
2	16	C4, C5, C6, C7, C9, C10, C11, C13, C14, C15, C16, C17, C19, C20, C24, C25	CC0603JRX7R7BB104				CAP CER 0.1UF 16V X7R 0603	2	32	0	\$0.077	\$1.232
3	2	C8, C23	TMCMB0J227MTRE				CAP TANT 220UF 20% 6.3V 1411	2	4	0	\$0.612	\$1.224
4	3	C2, C18, C22	CC0603JRX7R7BB105				CAP CER 1UF 16V X7R 0603	2	6	0	\$0.186	\$0.558
5	5	R1, R10, R14, R23, R26	AC0603JR-071KL				RES SMD 1K OHM 5% 1/10W 0603	2	10	0	\$0.024	\$0.120
6	5	R2, R3, R6, R9, R22	RT0603FRE0710KL				RES SMD 10K OHM 1% 1/10W 0603	2	10	0	\$0.056	\$0.280
7	3	R4, R5, R11	AC0603JR-074K7L				RES SMD 4.7K OHM 5% 1/10W 0603	2	6	0	\$0.024	\$0.072
8	1	R8	RC0603FR-0740K2L				RES SMD 40.2K OHM 1% 1/10W 0603	2	2	0	\$0.024	\$0.024
9	2	R7, R13	RC0603FR-0775KL				RES SMD 75K OHM 1% 1/10W 0603	2	4	0	\$0.024	\$0.048
10	1	R24	AC0603JR-072K2L				RES SMD 2.2K OHM 5% 1/10W 0603	2	2	0	\$0.024	\$0.024
11	1	U1	AP2210N-3.3TRG1				IC REG LINEAR 3.3V 300MA SOT23-3	3	3	0	\$0.313	\$0.313
12	1	U2	MCP9700T-H/LT				SENSOR ANALOG -10C-125C SOT23-3	3	3	0	\$0.250	\$0.250
13	1	U3	SST25VF040B-50-4C-SAF				IC FLASH 4MBIT SPI 50MHZ 8SOIC	8	8	0	\$0.840	\$0.840
14	1	U4	RV-3028-C7 32.768KHZ 1PPM-TA-QC				IC RTC CLK/CALENDAR I2C 8-SMT	8	8	0	\$2.566	\$2.566
15	1	U5	MP1470GJ-Z				IC REG BUCK ADJ 2A TSOT23-6	6	6	0	\$1.532	\$1.532
16	1	U6	PIC32MM0064GPM028-I/M6				IC MCU 32BIT 64KB FLASH 28UQFN	33	33	0	\$2.040	\$2.040
17	1	U7	Z4AVC2T45DC.125				IC TRNSLTR BIDIRECTIONAL 8VSSOP	8	8	0	\$0.353	\$0.353
18	1	U8	PIC16F18876-I/PT				IC MCU 8BIT 28KB FLASH 44TQFP	44	44	0	\$1.690	\$1.690
19	1	U9	MIC5504-3.3YM5-TR				IC REG LINEAR 3.3V 300MA SOT23-5	5	5	0	\$0.130	\$0.130
20	2	Q1, Q2	SSM3J378R,LF				MOSFET P-CH 20V 6A SOT23F	3	6	0	\$0.302	\$0.604
21	1	D1	150060BS75000				LED BLUE CLEAR 0603 SMD	2	2	0	\$0.160	\$0.160
22	2	D2, D5	150060SS75000				LED RED CLEAR 0603 SMD	2	4	0	\$0.140	\$0.280
23	1	D3	150060VS75000				LED GREEN CLEAR 0603 SMD	2	2	0	\$0.140	\$0.140
24	1	D4	150060YS75000				LED YELLOW CLEAR 0603 SMD	2	2	0	\$0.140	\$0.140
25	1	D6	1N4148WSTR				DIODE GEN PURP 75V 300MA SOD323	2	2	0	\$0.121	\$0.121
26	1	D7	SK26 R1 00001				Schottky Diodes & Rectifiers PJ/SK26/TR/7/HF/0.8K/SMB/SKY/SMD/SSM-20H/SSM20-QI01/PJ///	2	2	0	\$0.360	\$0.360
27	2	BT1, BT2	PTS810 SJG 250 SMTR LFS				SWITCH TACTILE SPST-NO 0.05A 16V	4	8	0	\$0.354	\$0.708
28	1	F1	QZCG0050AF2C				PTC RESET FUSE 30V 500MA 1812	2	2	0	\$0.107	\$0.107
29	1	J1	10118192-0002LF				CONN RCPT USB2.0 MICRO B SMD R/A	9	9	10	\$0.440	\$0.440
30	2	J2, J6	RS1-10-G				RECEPTACLE STRIP 10P 2.54MM PITC	0	0	7	\$0.583	\$1.166
31	1	J4	RS1-07-G				RECEPTACLE STRIP 7P 2.54MM PITCH	0	0	7	\$0.445	\$0.445
32	1	J7	RS1-08-G				RECEPTACLE STRIP 8P 2.54MM PITCH	0	0	8	\$0.467	\$0.467
33	1	J8	HRS-2B-10-GA				RECEPTACLE STRIP, 1.27MM,VERTICA	0	0	8	\$0.389	\$0.389
34	1	L1	SDE0604A-6R8M				FIXED IND 6.8UH 3A 80 MOHM SMD	2	2	0	\$0.593	\$0.593
35	1	PCB	SAMM-7x-FRT.PCB				FR4, 1OZ, 1.6MM, BLACK/WHITE, HASL, 69x54MM	0	0	0	\$1.000	\$1.000
Summary	73							247	47			\$21.802