

No	Q. Ty	References	Designed P/N	Crossed P/N	Description	SMD Pins	H Pin	Unit Cost
1	6	C1, C3, C12, C21, C26, C27	CC0805ZKY5V6BB226		CAP CER 22UF 10V Y5V 0805	2	12	\$0.231
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	\$0.077
3	2	C8, C23	TMCMB0J227MTRF		CAP TANT 220UF 20% 6.3V 1411	2	4	\$0.612
4	3	C2, C18, C22	CC0603JRX7R7BB105		CAP CER 1UF 16V X7R 0603	2	6	\$0.186
5	5	R1, R10, R14, R23, R26	AC0603JR-071KL		RES SMD 1K OHM 5% 1/10W 0603	2	10	\$0.024
6	4	R2, R3, R6, R22	AC0603JR-0710KL		RES SMD 10K OHM 5% 1/10W 0603	2	8	\$0.024
7	3	R4, R5, R11	AC0603JR-074K7L		RES SMD 4.7K OHM 5% 1/10W 0603	2	6	\$0.024
8	2	R7, R13	RC0603FR-0775KL		RES SMD 75K OHM 1% 1/10W 0603	2	4	\$0.024
9	1	R8	RC0603FR-0740K2L		RES SMD 40.2K OHM 1% 1/10W 0603	2	2	\$0.024
10	1	R9	RC0603FR-077K68L		RES SMD 7.68K OHM 1% 1/10W 0603	2	2	\$0.024
11	1	R24	AC0603JR-072K2L		RES SMD 2.2K OHM 5% 1/10W 0603	2	2	\$0.024
12	1	U1	AP2210N-3.3TRG1		IC REG LINEAR 3.3V 300MA SOT23-3	3	3	\$0.313
13	1	U2	MCP9700T-H/LT		SENSOR ANALOG -10C-125C SOT23-3	3	3	\$0.250
14	1	U3	SST25VF040B-50-4C-SAF		IC FLASH 4MBIT SPI 50MHZ 8SOIC	8	8	\$0.840
15	1	U4	RV-3028-C7 32.768KHZ 1PPM-TA-QC		IC RTC CLK/CALENDAR I2C 8-SMT	8	8	\$2.566
16	1	U5	MP1470GJ-Z		IC REG BUCK ADJ 2A TSOT23-6	6	6	\$1.532
17	1	U6	PIC32MM0064GPM028-I/M6		IC MCU 32BIT 64KB FLASH 28UQFN	32	32	\$2.040
18	1	U7	74AVC2T45DC.125		IC TRNSLTR BIDIRECTIONAL 8VSSOP	8	8	\$0.353
19	1	U8	PIC16F18876-I/PT		IC MCU 8BIT 28KB FLASH 44TQFP	44	44	\$1.690
20	1	U9	MIC5504-3.3YM5-TR		IC REG LINEAR 3.3V 300MA SOT23-5	5	5	\$0.130
21	2	Q1, Q2	SSM3J378R,LF		MOSFET P-CH 20V 6A SOT23F	3	6	\$0.302
22	1	D1	150060BS75000		LED BLUE CLEAR 0603 SMD	2	2	\$0.160
23	2	D2, D5	150060SS75000		LED RED CLEAR 0603 SMD	2	4	\$0.140
24	1	D3	150060VS75000		LED GREEN CLEAR 0603 SMD	2	2	\$0.140
25	1	D4	150060YS75000		LED YELLOW CLEAR 0603 SMD	2	2	\$0.140
26	1	D6	1N4148WSTR		DIODE GEN PURP 75V 300MA SOD323	2	2	\$0.121
27	1	D7	SK26 R1 00001		Schottky Diodes & Rectifiers	2	2	\$0.360
28	2	BT1, BT2	PTS810 SJG 250 SMTR LFS		SWITCH TACTILE SPST-NO 0.05A 16V	4	8	\$0.354
29	1	F1	QZCG0050AF2C		PTC RESET FUSE 30V 500MA 1812	2	2	\$0.107
30	1	J1	10118192-0002LF		CONN RCPT USB2.0 MICRO B SMD R/A	9	9	\$0.440
31	2	J2, J6	RS1-10-G		RECEPTACLE STRIP 10P 2.54MM PITC	0	0	\$0.583
32	1	J4	RS1-07-G		RECEPTACLE STRIP 7P 2.54MM PITCH	0	0	\$0.445
33	1	J7	RS1-08-G		RECEPTACLE STRIP 8P 2.54MM PITCH	0	0	\$0.467
34	1	J8	HRS-2B-10-GA		RECEPTACLE STRIP, 1.27MM,VERTICA	0	0	\$0.389
35	1	L1	SDE0604A-6R8M		FIXED IND 6.8UH 3A 80 MOHM SMD	2	2	\$0.593
36	1	PCB	SAMM-7x-FRT.PCB		FR4, 1OZ, 1.6MM, BLACK/WHITE, HASL, 69x54MM	0	0	\$1.000
Summary	73					246	43	16.729