

SKP16C62P Board					BILL OF MATERIALS Rev. 1.2		Nov. 13, 2003	
ITEM NO	DNP	DESCRIPTION	Designators	QTY PER	Mfg	Mfg P/N	Vendor	Vendor P/N
1		62P MCU	U1	1	Renesas	M30626FHPPF (Any D Value)		
2								
3								
4		Thermistor 10K Ohm	RT1	1	BC Comp	2322 640 66103	Digikey	BC1482-ND
5		Pot 10K Ohm	R9,16	2	Bourns	3352P-1-103	Digikey	3352P-103-ND
6								
7		Resistor 680 Ohm	R1,5,6,21	4	Panasonic	ERJ-6GEYJ681V	Digikey	P680ATR-ND
8		Resistor 10K Ohm	R2,3,4,7,8,10,11,12,20,22	10	Panasonic	ERJ-6GEYJ103V	Digikey	P10KATR
9		Resistor 0 Ohm	R13,14,23,24	4	Panasonic	ERJ-6GEY00V	Digikey	P0.0ATR
10		Resistor 7.32K	R15	1	Panasonic	ERJ-6ENF7321V		P7.32KCTR-ND
11		Resistor 100K Ohm	R17	1	Panasonic	ERJ-6GEYJ104V	Digikey	P100KATR
12		Resistor 47K Ohm	R19	1	Panasonic	ERJ-6GEYJ473V	Digikey	P47KATR
13								
14		Capacitor 2.2 uF 16V	C1	1	Panasonic	ECS-T1CY225R	Digikey	PCS3225TR
15		Capacitor 0.1uF 16V ceramic	C2,3,4,5,8,11	6	Panasonic	ECJ-2VB1C104K	Digikey	PCC1812TR
16		Capacitors 18pF 50V ceramic	C6,7	2	Panasonic	ECJ-1VC1H180J	Digikey	PCC180ACVTR
17		Capacitors 33pF 50V ceramic	C9,10	2	Panasonic	ECJ-2VC1H330J	Digikey	PCC330CGTR
18								
19		Green LED Thru-holle	D3	1	Panasonic	LN38GP	Digikey	P364-ND
20		Red LED Thru-holle	D1,5	2	Panasonic	LN28RP	Digikey	P363-ND
21		Yellow LED Thru-holle	D2	1	Panasonic	LN48YP	Digikey	P365-ND
22								
23		Swtich, Pushbutton	S1,S2,S3	3		EVQ-PAC04M	Digikey	P8006S-ND
24		Swtich, Pushbutton	S4	1		EVQ-PUC02K	Digikey	P10849STR-ND
25								
26		Diode, Series Schottky	D4	1	Diodes, Inc	BAT54S-7	Digikey	BAT54SDITR-ND
27								
28		2 Pin Header	JP1,2	2	Waldom	22-03-2021	Digikey	WM4000
29		Header 5 X 2	J5	1	AMP	103308-1	Digikey	A26267-ND
30								
31		Crystal 12 MHz	Y2	1	ECS Inc	ECS-120-20-4	Digikey	X227-ND
32		Crystal 32 kHz	Y1	1	Citizen	CFS206-32.768KDZF	Digikey	300-1002-ND
33								
34								
35		LCD	LCD1	1	AZ Displays	ACM802B		
36		7X2 Socket	H2	1	Samtec	HLE-107-02-G-DV-TE		
37		7X2 Header	H1	1	Samtec	TSW-107-05-F-D		
38								
39								
40		0.1 header shunts	for item 28 (JP1, JP2)	2	Sullins	SPC02SYAN	Digikey	S9001-ND
41		Bump-ons	H3	4	3M	3MSJ5018BLKC	Jameco	142682
42		Sticker	Drawing #					
43								
44		62P SKP Board		1	Renesas	RDECE2662P		
45								
46								
47								
48								
49		Test						
50		Assembly Labor					HRS/M	
		* Indicates Do Not Populate						
			Total Board Cost					