

<u>Item</u>	<u>Qty</u>	<u>Ref</u>	<u>Value</u>	<u>Descr.</u>	<u>Source</u>
1	7	C3,C13,C14,C15,C16,C17,C24	0.1uF (100n)	Ceramic cap (.1sp)	Any
2	2	C2,C20	0.1uF (100n)	Polyester cap (.1/.2sp)	Any
3	3	C10,C11,C23	33pF (33p)	Ceramic cap (.1sp)	Any
4	1	C21	.001uF (1n)	Polyester cap (.1/.2sp)	Any
5					
6	1	C12	33uF/25V (alt 22-100uF)	Electrolytic cap	Any
7	4	C4,C5,C6,C7	1uF/16V	Electrolytic cap	Any
8	2	C8,C9	Not used		
9	4	D1,D3,D5,D6	1N4148 (alt 1N914)	Small Signal Diode	Any
10	2	D2,D4	1N4006 (alt 4001-4007)	Rectifier Diode	Any
11	5	LED1,LED2,LED3,LED4,LED5		3mm LED	Any
12	1	J1		2.1mm Power Jack	Digikey (PJ-002AH)
13	8	J2,J3,J4,J5,J6,J7,J8,J9		3.5mm Phone Jack	Digikey (CP-3502MJ-ND)
14	1	P1	DB-9 Female	90 degr. Pcb mount	Any
15	1	K1	NEC EA2-12 or Omron GV5	12vdc DPDT Relay	Any
16	3	Q1,Q2,Q3	2N2222A	TO-18 or TO-92 NPN	Any
17	3	R1,R7,R20	4.7K	1/4 Watt Resistor	Any
18	3	R3,R4,R5	100k	"	
19	6	R6,R8,R10,R12,R14,R15	1k	"	
20	2	R18,R21	270	"	
21	1	R16	510k	"	
22	1	R13,R19	2.2k	"	
23	2	R9,R17	50k	Trimpot	Digikey (EVN-D8A)
24	1	U1 +	16F628 (alt 16F648)	PIC Ucontroller	Digikey
25	1	U2 +	HT9170B	DTMF Decoder	Any
26	1	U3 +	MAX232E (alt HIN232)	RS-232 Level Shifter	Any
27	1	U4,U5 +	4N25 (alt 4N33)	Opto-Isolator	Any
28	1	U6	MC7805CT	5 Volt Regulator	Any
29	1	Y1	Not used		
30	1	Y2	3.579 MHz	Crystal	Any

+ IC Sockets included with kits and built units.