

				DigiKey #	Mouser #
1)	BR1	1	Full wave bridge, 1A, 100V	KBP01G-ND	625-KBP01M-E4
2)	D1,D2	2	Diode, 1N4148, DO-35	1N4148FS	
3)	D3	1	LED, Green, Lite-On LTL2R3KG or equiv	160-1684-ND	
4)	D4	1	LED, Red, Lite-On LTL-307E or equiv	160-1705-ND	
5)	D5	1	Diode, Schottky 1N5819	1N5819-E3/51GI	
6)	U1	1	Microcontroller, PIC18LF2321, DIP28		
7)	U2	1	Flash mem, 64Mbit, SPI W25X64VSFIG, SOIC16	----	----
8)	U3	1	Counter, 74HC4040, DIP16 (STMicro)	497-1840-5-ND	
9)	U4	1	Multiplexer, 74HC157, DIP16 (TI)	296-1578-5-ND	
10)	U5	1	Stereo Audio DAC PCM1753, 16QSOP	296-16651-5 (304)	
11)	U9	1	RTC, STMicro M41T00M6F w/SPI, SOIC8	497-4697-1-ND(16!) (M on order)	
12)	U6	1	Voltage regulator, LM7805, TO-220 (Fairchild)		
13)	U7	1	Voltage regulator, LP2950-3.3, TO-92 (NS)	LP2950ACZ-3.3	
14)	U8	1	Voltage regulator, LP2950-3.0, TO-92	LP2950ACZ-3.0	
15)	R1,R4,R10, R12,R13,R19	6	Resistor, 1/4W 5%, 10K	10KQ	
16)	R2	1	Resistor, 1/4W 5%, 100K	100KQ	
17)	R3	1	Resistor, 1/4W 5%, 20K	20KQ	
18)	R5,R6	2	Resistor, 1/4W 5%, 3.3K	3.3KQ	
19)	R7	1	Resistor, 1/4W 5%, 33	33Q	
20)	R8,R9	2	Resistor, 1/4W 5%, 100	100Q	
21)	R11	1	Resistor, 1/4W 5%, 1.5K	1.5KQ	
22)	R14,R15	2	Resistor, 1/4W 5%, 10	10Q	
23)	R16,R18	2	Resistor, 1/4W 5%, 1K	1.0K	
24)	R17	opt	Resistor, 1/4W 5%, TBD		
25)	R19,R20	1	Resistor, 1/4W 5%, 100K (install only 1)	100KQ	
26)	C1,C2,C5, C10,C11,C15, C17,C18	8	Capacitor, ceramic, 0.1 uF 50V	BC1148CT	
27)	C3	1	Capacitor, ceramic, 22 pF	BC1005CT	
28)	C4	1	Capacitor, ceramic, 18 pF	BC1004CT	
29)	C6	opt	Capacitor, alum elect, 10 uF, 50V	P5178-ND	
30)	C7,C9,C14 C16,C19	5	Capacitor, alum elect, 10 uF, 50V	P5178-ND	
31)	C8	1	Capacitor, supercap 0.33F 5V, Panasonic	P11065-ND	
32)	C12	1	Capacitor, ceramic, 47 pF	BC1009CT	
33)	C13	1	Capacitor, alum elect, 1000 uF, 25V	P5156-ND	
34)	C20	opt	Capacitor, ceramic, 0.1 uF 50V	BC1148CT	
35)	X1	1	Crystal, Citizen CSA309 11.2896MABJ-UB	300-8429	
36)	X2	1	Crystal, Citizen CFS145-327K-U		695-CFS145-327K-U

37)	J1	-	U1 ICSP hdr, 6-pin male	P/O S1011E-36	
38)	J2	-	Flash prog hdr, 6-pin male	P/O S1011E-36	
39)	J3	1	8-pin female header for WWVB Module	S7041-ND	
40)	J4	1	Pwr Jack, PJ102A/CP102A 2.1x5.5mm CUI		KLDX-0202-A
41)	J5	1	1/8" PC-mount StereoJack,	CP1-3553NG CUI	737-ASJ-1-3
42)	SW1,SW2,SW3	3	Pushbutton switch (Jameco)	EG2011-ND	
43)		1	PC Bd		
44)		1	WWVB Module + antenna		
45)		2	Nylon bolts for mtg antenna		
46)		2	Black 3/8" plastic clips for mtg antenna	RP327-ND	
47)		1	Plastic Case w/tax		
48)		1	9VDC Adapter for clock		
49)		1	Computer spkr w/amplifier, AC adapter, cable		

Install R19 if PCM1753 DAC is installed, R20 if PCM1748 DAC is installed.