

Bill of Material for Binary Clock V1

[o] = Means these parts are optional and only included when you ordered the RTC (real-time-clock) option.

Chk	Used	Part Type	Designator	Description
===	====	=====	=====	=====
[]	1	120	R101	SMD RESISTOR 1206
[]	6	100	R5-R10	SMD RESISTOR 1206
[]	4	4K7	R1 - R4	SMD RESISTOR 1206
[]	2	10K	R104 R111	SMD RESISTOR 1206
[]	4	100N	C101 C102 C107 C110	SMD CAPACITOR 1206
[]	4	BC807	T1 - T4	PNP TRANSISTOR
[]	24	LED	LD1-LD24	LED 5MM
[]	1	100U/35V	C108	ELECTROLYTIC CAPACITOR
[]	1	PIC16F88	IC101	PIC16F88 programmed V1.x
[]	1	18PIN SOCKET	IC101	18PIN SOCKET
[]	1	OSC 18.1818MHz	IC103	OSCILLATOR-DIP14
[]	1	DCJACK	X102	DCJACK PCB MALE 2.5MM
[]	1	1N4002	D101	RECTIFIER DIODE
[]	1	7805	IC102	TO220 REGULATOR 5V
[]	1	PUSHBUTTON	S1	PUSHBUTTON + EXTENSION
[o]	1	DS1302	IC104	RTC CLOCK IC
[o]	1	32.768KHZ	CR102	XTAL WATCH
[o]	1	0.1F/5V	C109	SUPER CAP
[]	4	HEX STUDS 5MM+		
[]	4	HEX STUDS 12MM		
[]	1	DC PLUG		