

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 | | |