

Bill of Material for Z570M-1-V1

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

Chk	Used	Part Type	Designator	Description
[]	1	120	R101	SMD RESISTOR 1206
[]	1	330	R41	SMD RESISTOR 1206
[]	1	470	R44	SMD RESISTOR 1206
[]	1	4K7	R43	SMD RESISTOR 1206
[]	2	10K	R104-R111	SMD RESISTOR 1206
[]	1	22K	R1	SMD RESISTOR 1206
[]	10	47K	R28 - R37	SMD RESISTOR 1206
[]	1	680K	R42	SMD RESISTOR 1206
[]	2	22P	C103 C104	SMD CAPACITOR 1206
[]	5	100N	C4 C101	SMD CAPACITOR 1206
			C102 C107	
			C110	
[]	1	470P	C3	SMD CAPACITOR 1206
[]	10	MMBTA42	T13 - T22	NPN TRANSISTOR
[]	1	1N4002	D101	RECTIFIER DIODE
[]	1	BYV27-200	D3	DIODE
[]	1	IRFR320B	T26	IRFR320B N-CHANNEL MOSFET
[]	1	MC34063A	IC1	DC-DC CONVERTER IC
[]	1	18.1818MHZ	IC103	OSCILLATOR
[]	1	78L05	IC102	TO92 REGULATOR 5V
[]	1	2K	P1	VARIABLE POTENTIOMETER
[]	1	DCJACK	X102	DCJACK PCB MALE 2.5MM
[]	1	PUSHBUTTON	S1	PUSHBUTTON
[]	1	2u2/250V	C2	ELEC CAPACITOR
[]	1	100U/16V	C108	ELEC CAPACITOR
[]	1	100U/35V	C1	ELCO 100uF/35V DIA 8.2MM HEIGHT 12.2MM
[]	1	330uH	L1	INDUCTOR
[]	1	PIC16F88	IC101	PIC16F87x programmed
[]	1	18PIN SOCKET	IC101	18PIN SOCKET
[]	1	Z570M	U1	NIXIE TUBE
[]	1	SLEEVE		FOR INSULATION TUBE WIRES
[]	1	LED	LD1	BLUE LED 5MM
[o]	1	DS1302	IC104	RTC CLOCK IC
[o]	1	32.768KHZ	CR102	XTAL WATCH
[o]	1	0.047F/5V	C109	SUPER CAP
[]	1	PRINTED CIRCUIT BOARD		
[]	4	HEX STUDS 5MM+		
[]	4	HEX STUDS 12MM		
[]	1	DC PLUG		

Total 64 parts (67 with RTC option)