
**DTMF Relay Controller
Parts List**

Part	Value	# of pieces
DC relays	12V	4
C1	10 ufd	1
C2	1 ufd	1
C3, C4, C5 Ceramic Capacitors	0.1 ufd	3
Indicator LEDs	3 mm	7
R1, R5, R10	4.7 K	3
R2	100 K	1
R3, R6, R7, R8, R9	2.2 K	5
R4	330 K	1
J2	DC 12v power jack	1
J1 Audio Jack	MX-15	1
J1A 2	2 Pin conn	1
	2 pin connected to N/O contacts of relays	
Output 1,2,3,4		4
R11	2.2 E	1
P1	47 K	1
X1	3.479545 Mhz	1
U1	8870 /9370	1
U2	ULN 2803	1
U3	78L05	1
IC sockets	18 Pin	2
D1	1N4148	1
PCB	HI-Q FR4	1
	<i>Total Packing</i>	43