

[Instructions for assembly / test at www.fmmpx.com.](http://www.fmmpx.com)

[Questions? Ask here - http://groups.yahoo.com/group/fm-mpx](http://groups.yahoo.com/group/fm-mpx)

Board Designation	Description	Mouser Part Number	Quantity
Resistors			
	All Dale RN55 brown		
R1	10K	71-RN55C-F-10K/R	1
R2	249	71-RN55C-F-249/R	1
R3, R6	5.1K	71-RN55D5101FTR	2
R4, R9	56K	71-RN55C-F-56.2K/R	2
R5, R7	1K	71-RN55C1001FRE6	2
R8	100	71-RN55D-F-100	1
R10	2.49K	71-RN55C-F-2.49K/R	1
P1	5K	652-3386F-1-502LF	1
P2	10K	652-3386F-1-103LF	1
Capacitors			
C1	4.7uF 35 bipolar Muse ES	647-UES1V4R7MDM	1
C2	.0068 Wima (need to bend leads)	505-FKP26800/63/2.5	1
C3	220pf 100V 5% COG yellow	80-C315C221J1G5CA	1
C4	.47uF Panasonic film brown	667-ECQ-V1474JM	1
C5, C8	.22uF Panasonic film brown	667-ECQ-V1224JM	2
C6, C7	.015uF Wima (75us US, CAN) -or- .01uF Wima (50 us EUR) red	505-FKP20.015/63/2.5 505-FKP20.01/63/2.5	2 2
C10, C11	10uF 50V bipolar Muse ES green	647-UES1H100MPM	2
CS1, CS2	470uF 35V FM Panasonic blue	667-EEU-FM1V471	2
Bycap1	.1uF monolithic ceramic yellow	581-SR211C104KAAAP1	1

Bycap2, CPS4	33uF 35V FM Panasonic blue	667-EEU-FM1V330	2
Semiconductors			
D1	1N4004	625-1N4004-E3/73	1
REG1	LM317	511-lm317T	1
LED	Green LED	941-C5SMFGJSCV0Y0792	1
Hardware			
LM4500 Socket	machine pin socket	855-D2816-42	1
Circuit board standoffs	nylon, 4-40 threaded, .625" long	561-L4.625	4
Standoff screws	4-40 thread, .25" STEEL -or-	534-9300	8
Stansoff screws	4-40 thread .375" NYLON	561-J440.375	8