

CW tone oscillator pa0nhc

Components list
for PCB ver. 4.4 20121205

FOIL capacitors, low temp.coëff ! NO ceramic !

MKS2 RM5 :

C1,C3,C4,C7,C8 = 5 x 22n

This values is for the tested frequency of abt 820Hz.

Elco RM5

C9 = 10 uF

(Ceramic Multilayer) capacitors, RM5

C10 = 1x 10n

C2,C5,11 = 3 x 100n

C6 = 1x 330n

D1 = 1 x 1N4148

D2 = 1 x 1N4001

IC1 (DIL14) = 1 x LM324

IC2 = 1 x 78L08

Potmeters Murata PV36W:

(3 pins in one row, RM2.5)

P2,3 = 2 x 2k

P1 = 1 x 1k

Metalfilm resistors1% (bend the wires to RM10)

R6,R11,R13 = 3 x 1k

R1 = 1x 10k

R5,R10 = 2 x 22k

R8 = 1 x 39k

R7 = 1 x 47k

R9,R12 = 2 x 82k

R2,R3,R4 = 3 x 100k

R14 + R14a ca. 33kOhm, course adjusting frequency

Print connector 2 pole 3x