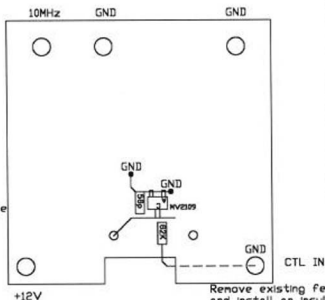
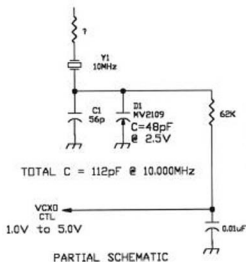


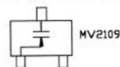
The original circuit had two 56pF capacitors in parallel for tuning the crystal. Remove one of these and install the MV2109 in its place then add the 62K resistor and wire to the new feedthru terminal.



Remove existing feedthru and install an insulated feedthru terminal. Connect wire from 62K resistor to the new feedthru terminal. Install the 0.01uF bypass capacitor between the feedthru terminal and the vacant ground hole in the PCB.

MV2109 TUNING CHART	
VOLTS	CAPACITANCE
0.0	87p
1.0	62p
2.0	50p
3.0	46p
4.0	39p
5.0	35p
6.0	32p
7.0	31p
8.0	29p
9.0	28p
10.0	27p

MAXIMUM VOLTAGE IS 30 VOLTS



Vctl	FREQUENCY
1.25V	9,999.992 KHz
2.27V	10,000.000 KHz
5.00V	10,000.014 KHz

OSCILLATEK TCXO
MODEL 6099 REV. A

WAGEXV
Chuck Swedblom
P.O. Box 605
Ridgecrest, CA 93556-0605

MODIFIED QUALLCOM TCXO
Small TCXO with no frequency adjust

Date: 4-13-99

Sheet: 1