

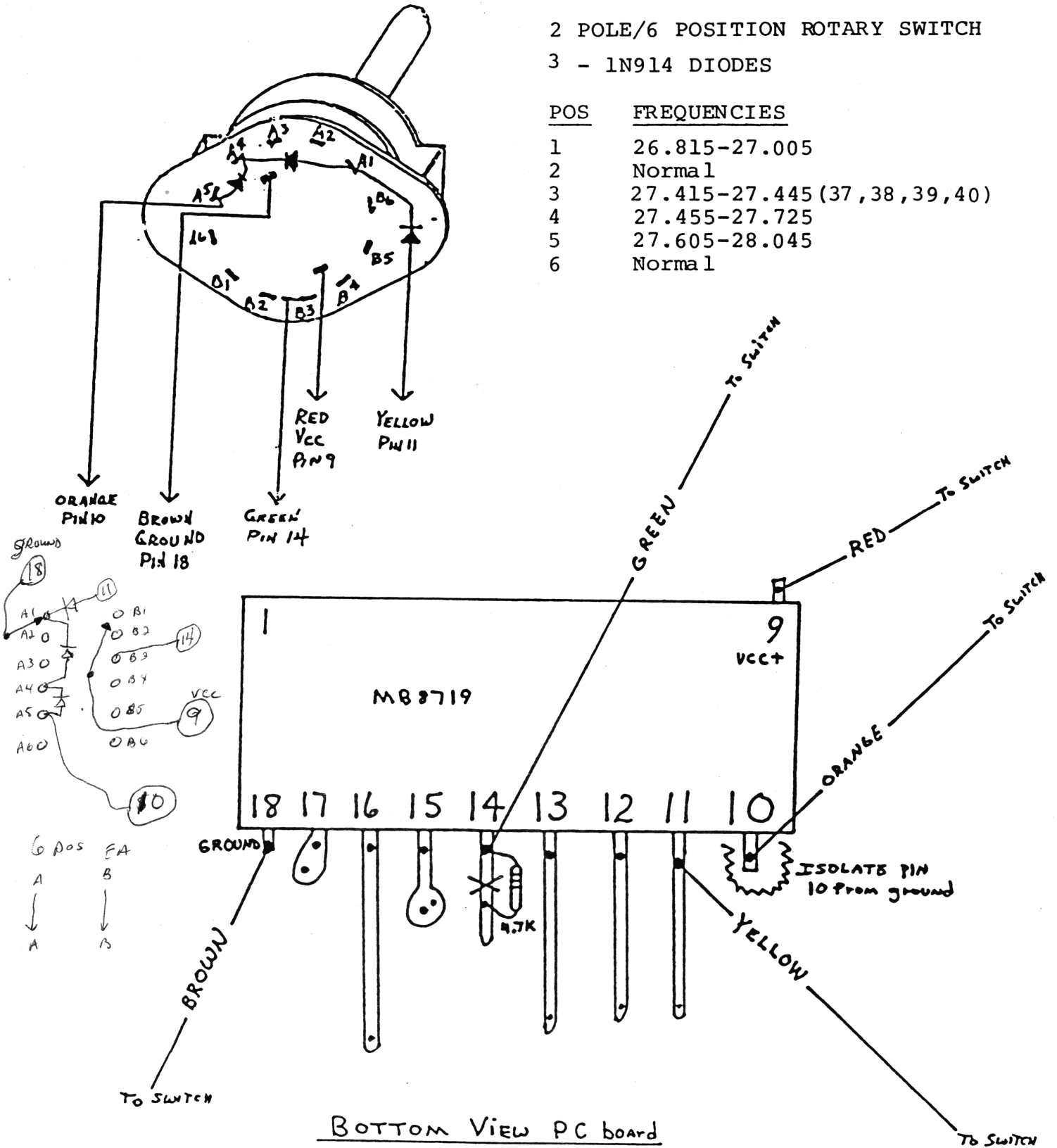
# 10 METER CONVERSION FOR SSB RADIOS

## USING MB8719 CHIP UNIDEN CHASSIS

Corrected page for this printing.

- 2 POLE/6 POSITION ROTARY SWITCH
- 3 - 1N914 DIODES

POS	FREQUENCIES
1	26.815-27.005
2	Normal
3	27.415-27.445 (37, 38, 39, 40)
4	27.455-27.725
5	27.605-28.045
6	Normal



8719 CHIP CONVERSION CONTINUED

1. Locate the PLL chip MB8719 and cut away any circuit trace, if present, that would ground pin 10. In some cases it is a wire running under the chip between pin 10 & pin 18. In this case, very carefully unsolder the wire and unwrap it from pin 18 and clip it off. Pin 10 is sometimes cut off so it does not go through the board. In this case you may connect the lead to the wire you removed from pin 18 - use a grounded temperature controlled soldering iron only.
2. Connect the brown wire to wire to Pin 18, or P/C ground. Connect the red wire to VCC Pin 9. Connect the orange wire to Pin 10. Connect the yellow wire to Pin 11. Connect the green wire to Pin 12. Cut the P/C trace to Pin 12 and isolate. Then install a 4.7K resistor across the cut.
3. If your radio uses a 11.1125 xtal, you must change it to 11.3258 for coverage up to 28.045. For full 10 meter amateur coverage, change it to a 11.8391.

SLIDE & PWR OUT

Cut D36 & R187. Follow the red wire from the clarifier control to the P/C board and cut it at the board, then connect it to P/C board ground.

For maximum slide replace the stock varactor with a super diode or a super slide. CT3 may be removed for maximum upward slide. For xmitter tuning use 1000 Hz tone and Adjust L26, L27, L29, L36 for maximum peak power with a peak reading wattmeter. Adjust VR6, for AM power. VR7 is ALC. To increase AM & SSB power, cut the collector of TR32 and remove the 270pf (C102) cap from Pin #3 of IC3 to ground (AN612). Remove the resistor (270K-R84) in series with the wiper of the carrier balance, and install a 35K resistor or parallel the existing resistor with a 51K resistor. Check upper and lower sideband for AM. If present adjust VR5. All of the MB8719 radios are similar and the above instructions should work with small variations from chassis to chassis. Consult Secret CB volumes for the specific modification.

