

Factory "Screw-ups" 02A Export PCB's

by R.M.

Following 'screw-ups' are on circuit board # PCMA001S.

Some of the units involved are: Palomar 2400 & 5000; Cobra 148GTL-DA; Mongoose/Falcon/NATO/Thunder 2000; Colt/Lafayette 2400;....etc.

Schematic: 1. C73; should be marked C56 (.047 mfd).

2. RV2; should be marked 300 ohm, not 300K ohm.

3. Q17 (FET); Source and Drain reversed on schematic, correct on etch side of PCB.

Circuit Board: 1. On etch side of PCB there are 2 (two) Q32's?
The one beside Q34 is Q35, not Q32!

2. Both Q33 and Q18 are marked wrong on etch side.
Reverse B (Base) and E (Emitter).

Xtal XCB-71 40 Ch. (TC5080P - Divider!)

Layout for tuning below, as no SAMS available on this unit.

NOTE: Tuning coils I.D.'s aren't marked on PCB. All other components have ID #'s.

VR201-TX Mtr, VR202-AMC, VR101-RX Mtr, VR102-Sq Rng. If additional modulation is needed...D202 is the defeat, look close as hard to find.

