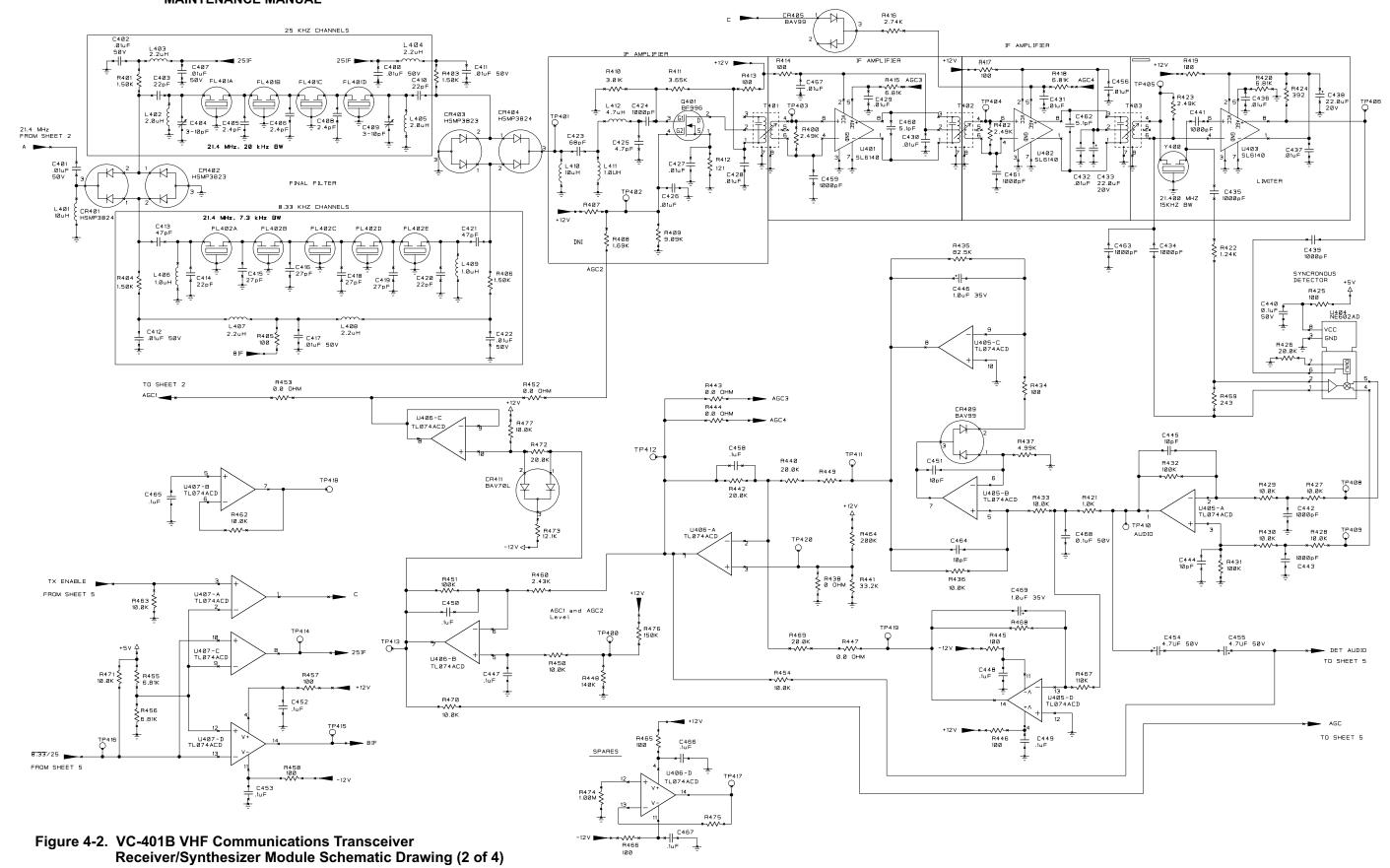


Figure 4-1. VC-401B VHF Communications Transceiver Receiver/Synthesizer Module Schematic Drawing (1 of 4)







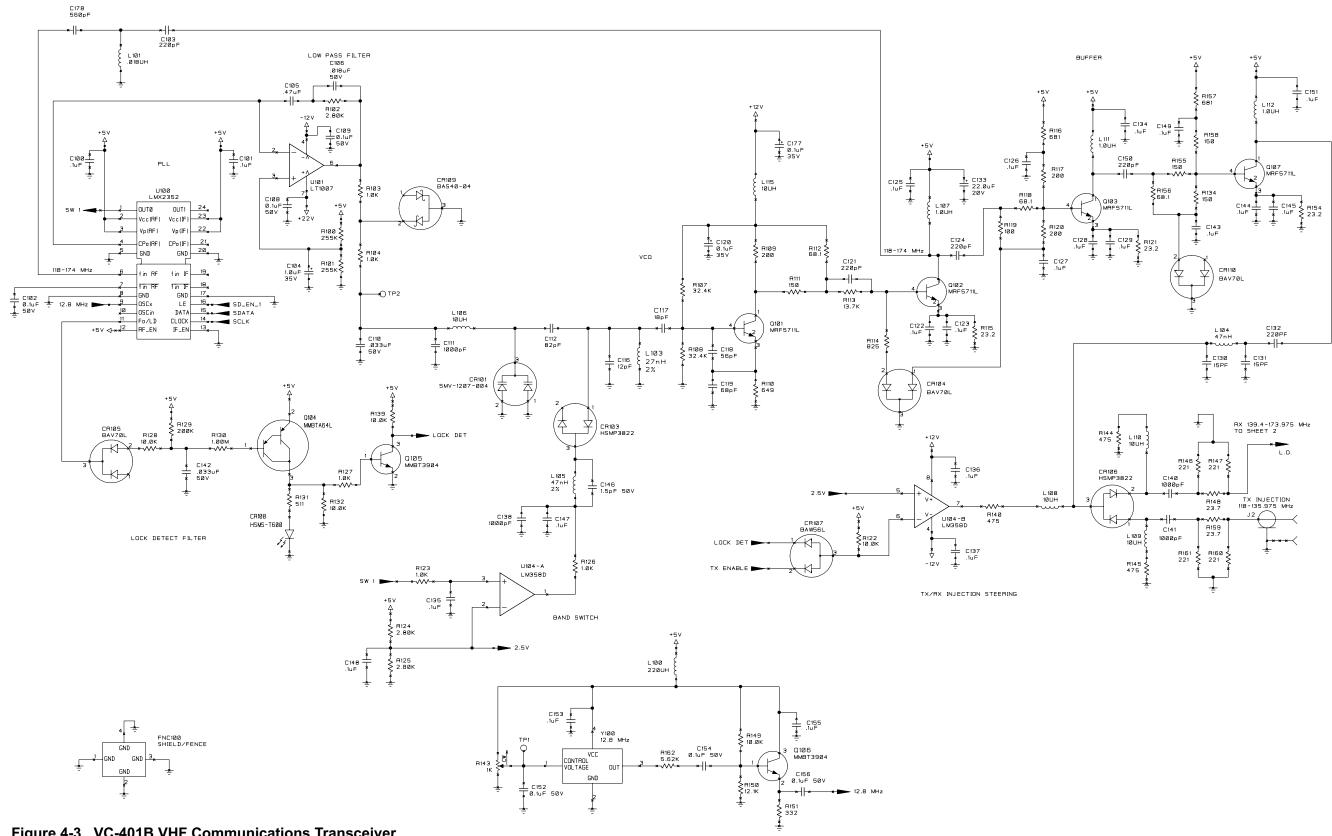
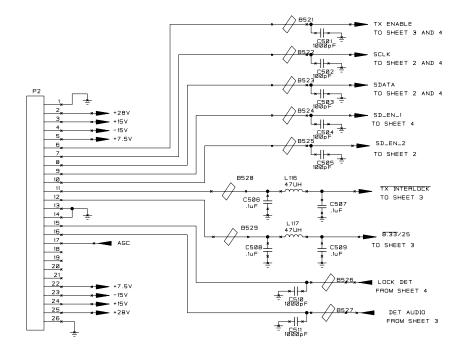
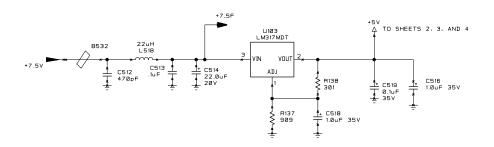
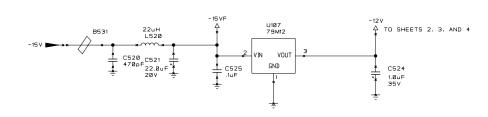


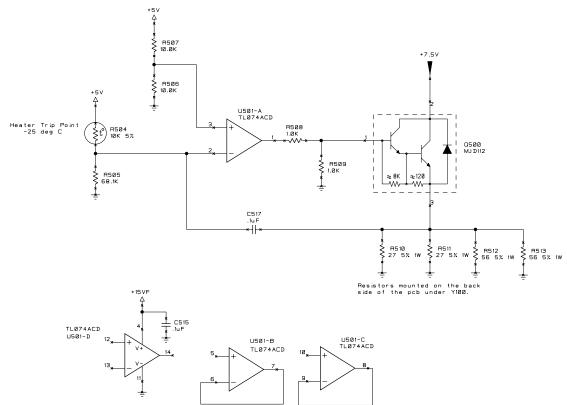
Figure 4-3. VC-401B VHF Communications Transceiver
Receiver/Synthesizer Module Schematic Drawing (3 of 4)

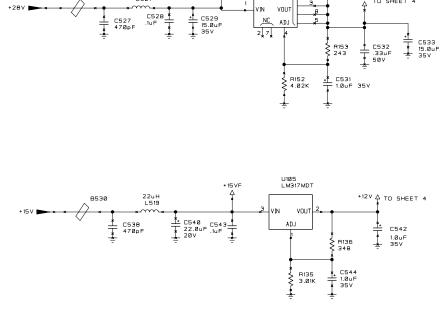












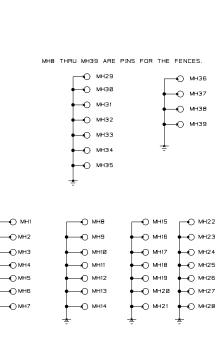


Figure 4-4. VC-401B VHF Communications Transceiver
Receiver?Synthesizer Module Schematic Drawing (4 of 4)



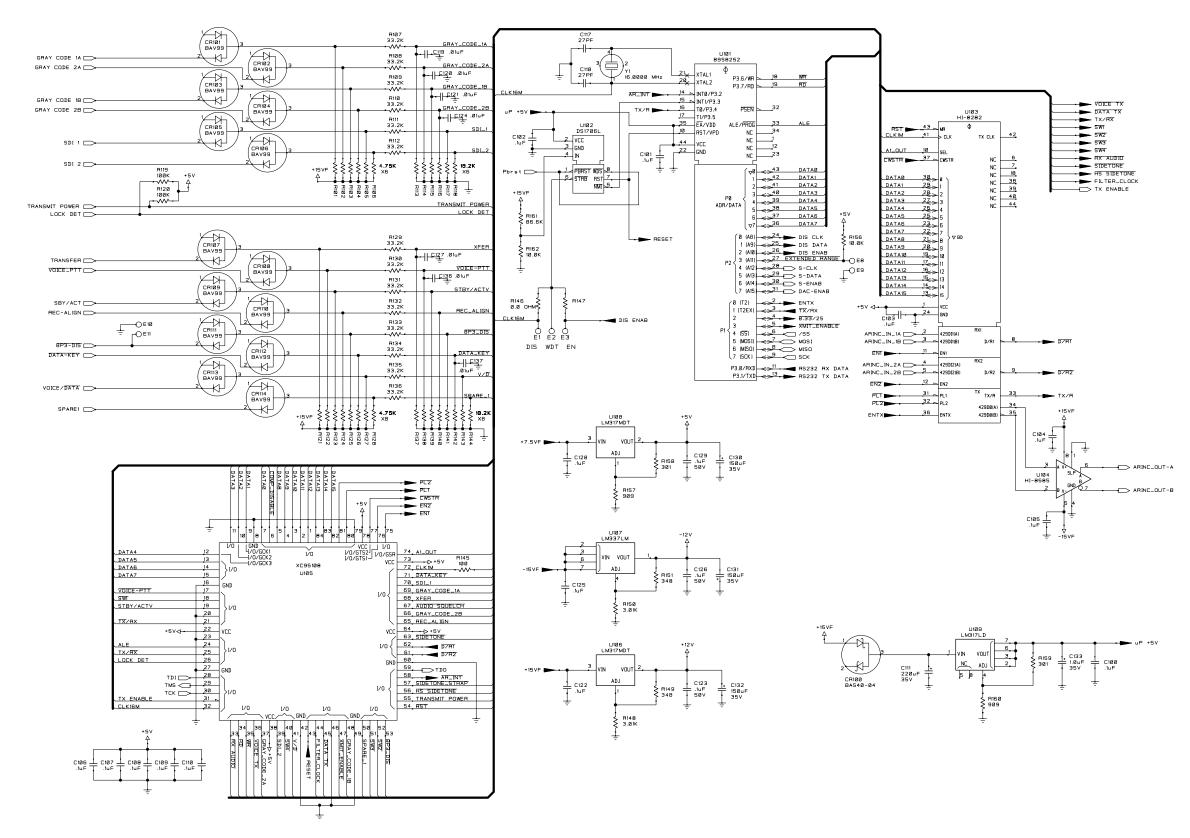


Figure 4-5. VC-401B VHF Communications Transceiver Audio/CPU Module Schematic Drawing (1 of 4)



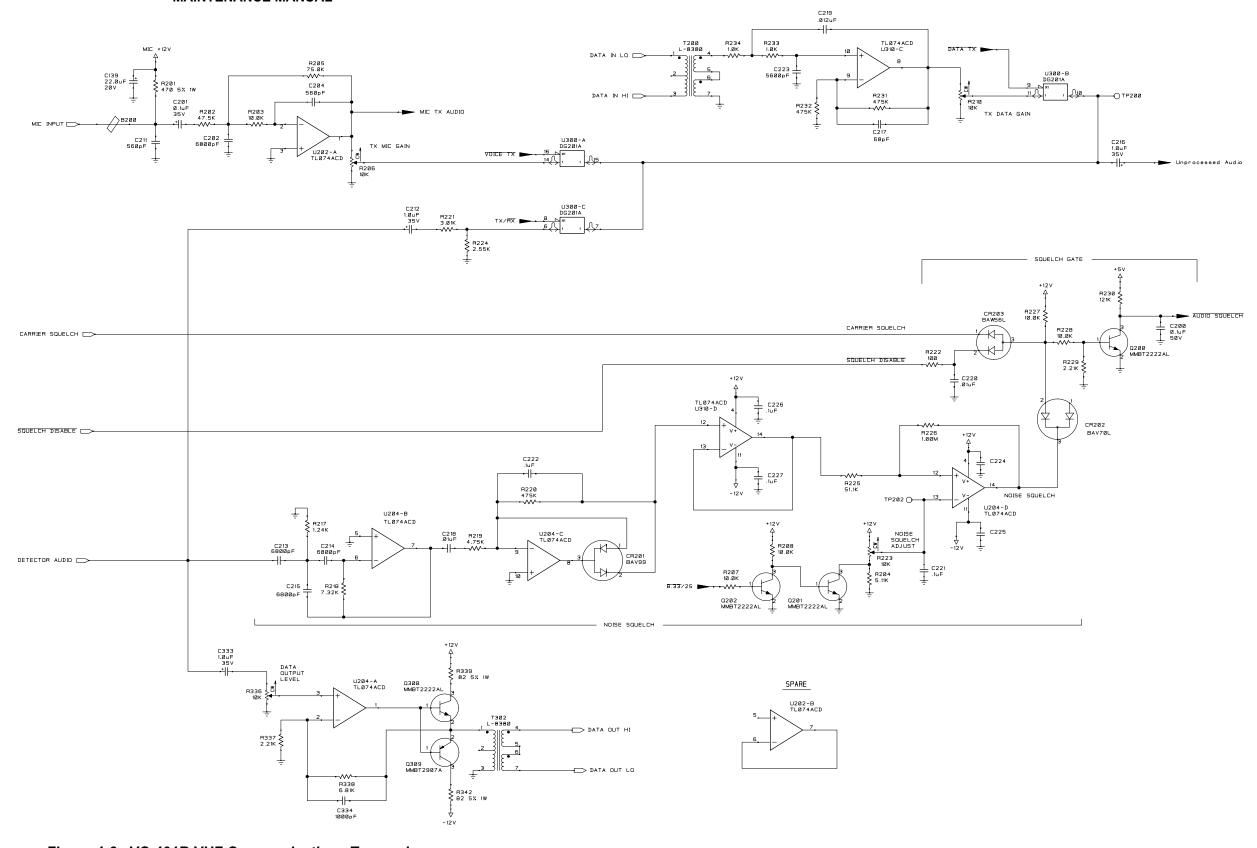


Figure 4-6. VC-401B VHF Communications Transceiver Audio/CPU Module Schematic Drawing (2 of 4)



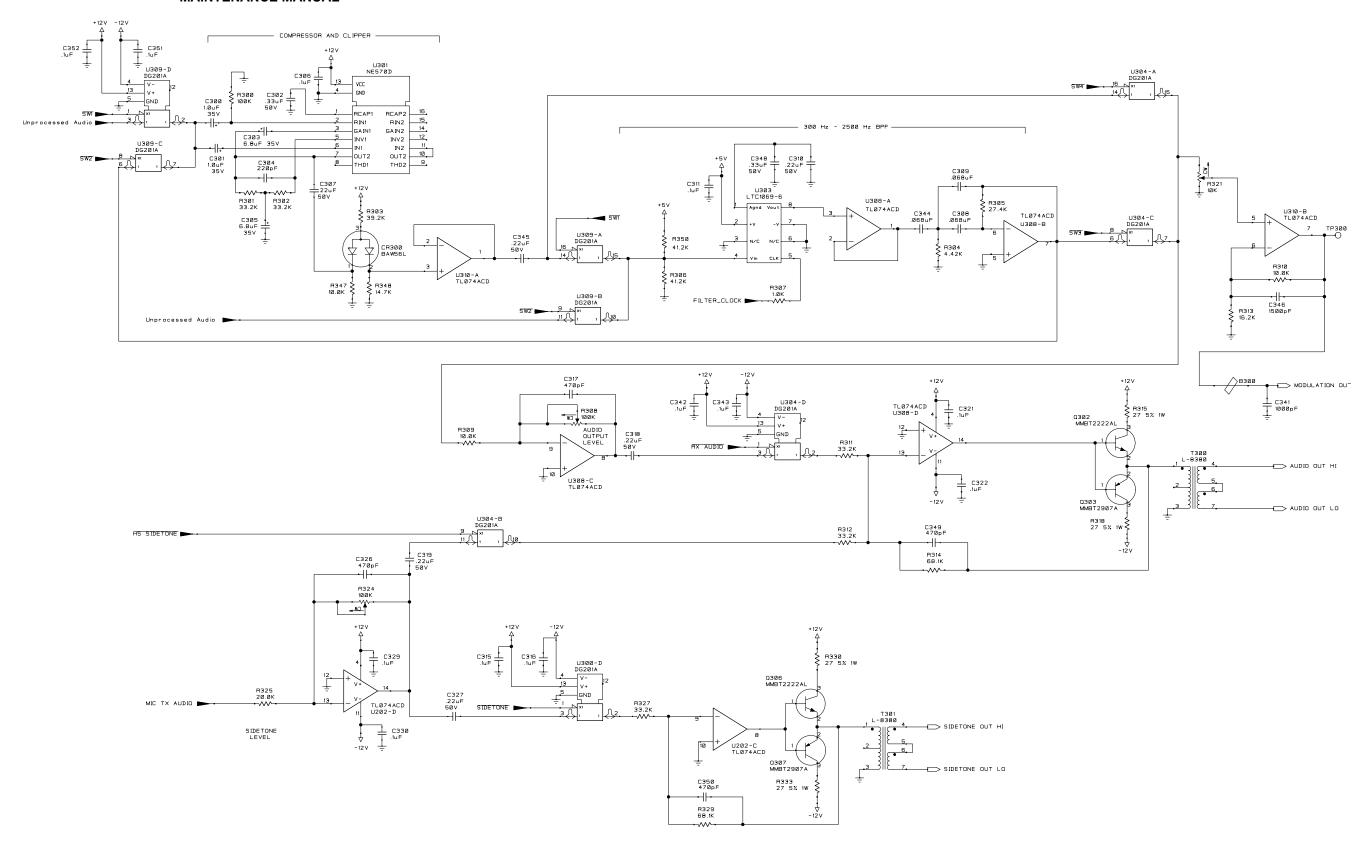


Figure 4-7. VC-401B VHF Communications Transceiver Audio/CPU Module Schematic Drawing (3 of 4)

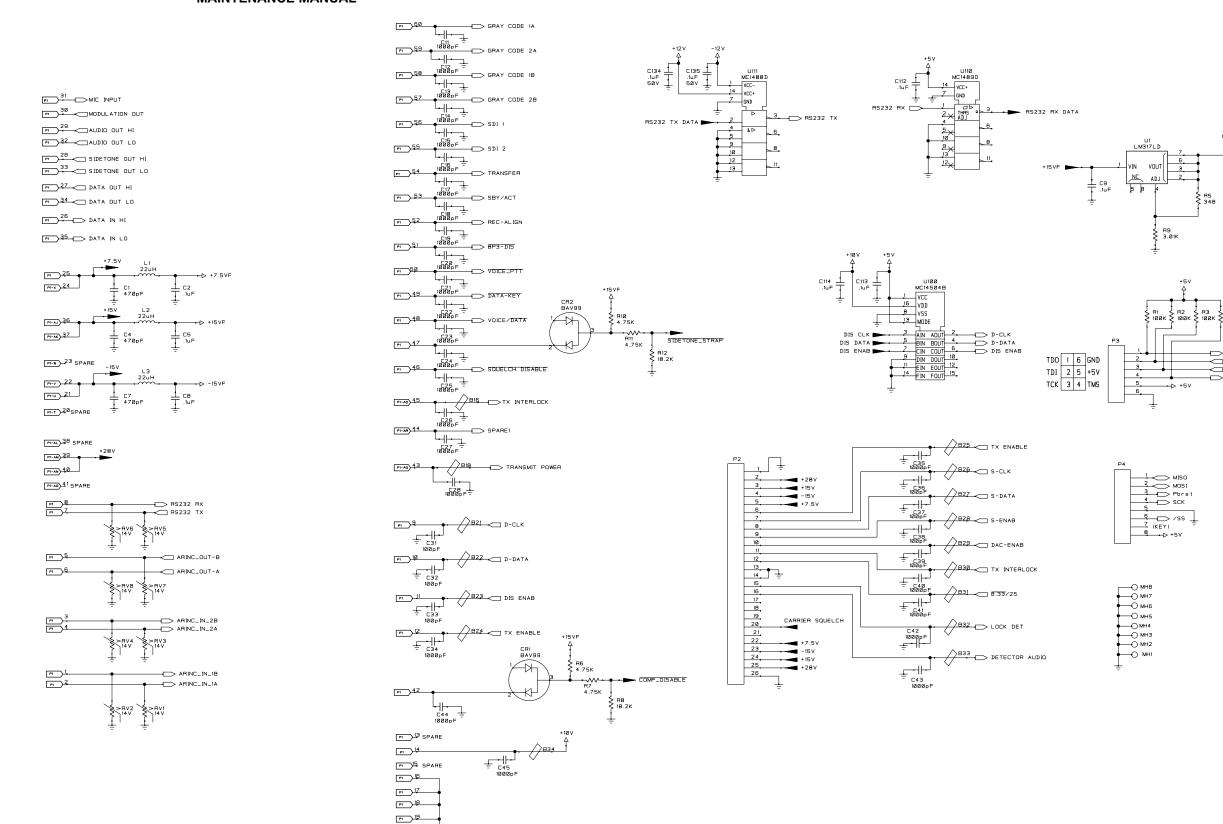


Figure 4-8. VC-401B VHF Communications Transceiver Audio/CPU Module Schematic Drawing (4 of 4)



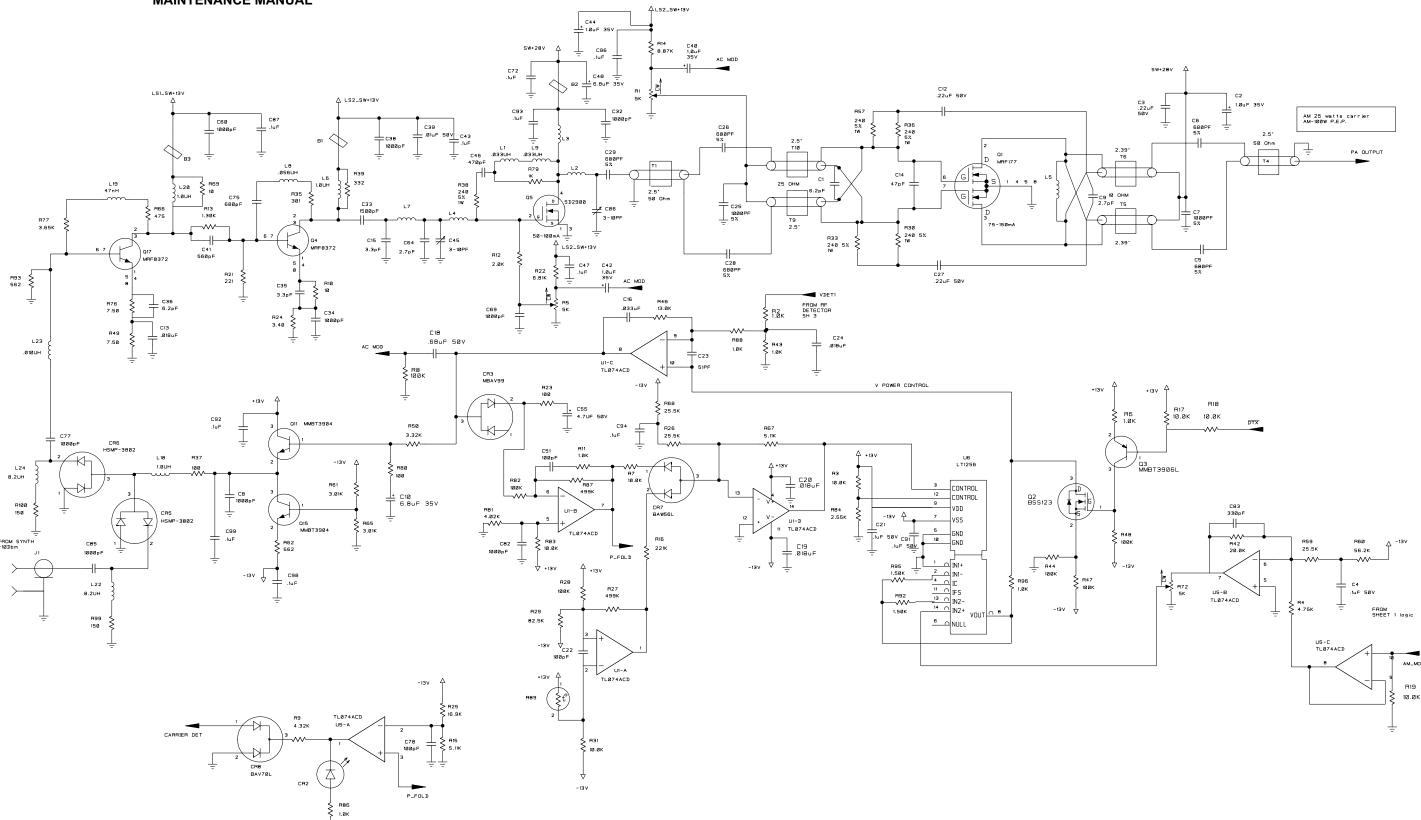


Figure 4-9. VC-401B VHF Communications Transceiver
Transmitter/Power Amplifier Module Schematic Drawing (1 of 3)



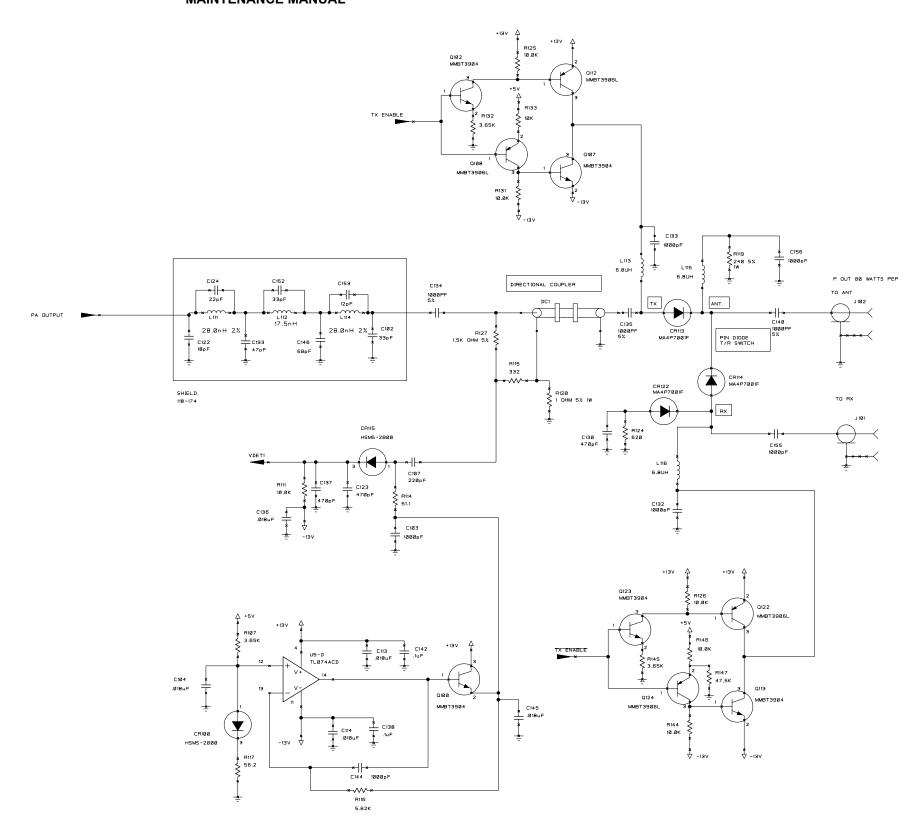


Figure 4-10. VC-401B VHF Communications Transceiver
Transmitter/Power Amplifier Module Schematic Drawing (2 of 3)



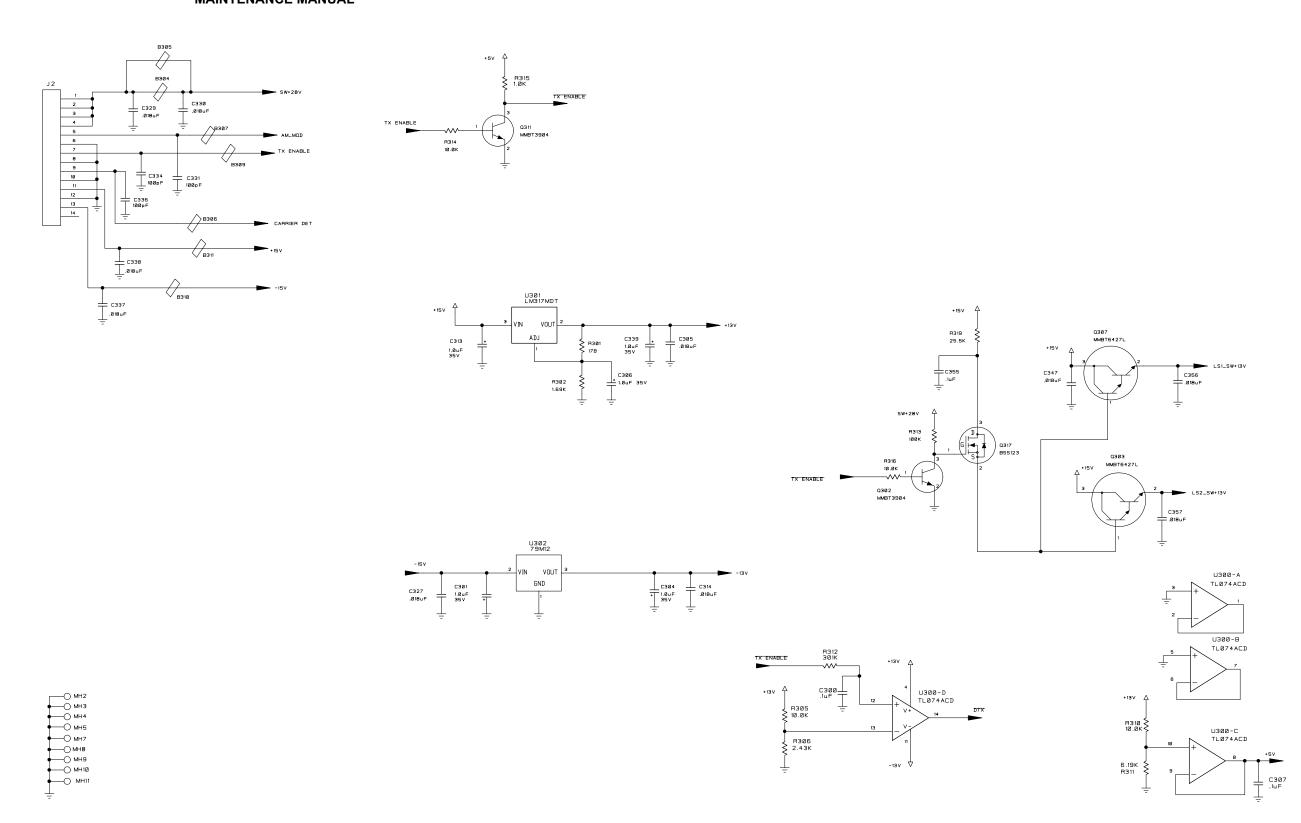


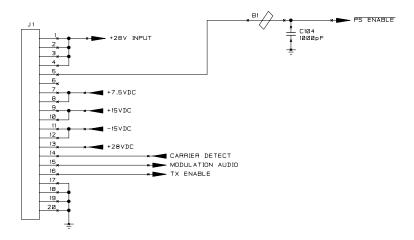
Figure 4-11. VC-401B VHF Communications Transceiver
Transmitter/Power Amplifier Module Schematic Drawing (3 of 3)

MAINTENANCE MANUAL

Q107 IRF9540 ± CIØ3 ± 33ØuF 1ØØV L 105 150 u H L 104 150 u H R135 25.5K C150 R112 150pF R100 OHM 5% IW R137 C153 10K .01uF 50V CR114 MMBZ52588 36V CR112 MURD62ØT ₹ R139 25.5K C144 R110 470pF 100 OHM 5% 1V CRIØ1 ISMB7ØAT3 7ØV VC4Ø1 COUPLED INDUCTOR C143 .Ø1uF 5ØV C151 R113 47@pF 100 OHM 5% 2 7 CIØ1 .ØluF 5ØV R142 348 CR109 CRIØ2 BZ5232BL 8.2V ст воит *||* * ₩ * □100 R126 3300pF \$877K +28VF C139 1800pF C138 82pF R129 \$ CR105 ISMB70AT3 70V B SOFT ST RIØ4 12.4 * W * RIØ3 12.4 * W * RIØ5 75.Ø *||*** J IL IM/SD C137 470pF C152 R114 470pF 100 OHM 5% 1W CR107 MBRS1100T3 100V C110 1.0UF 50V CRIIØ MBR2Ø2ØØCT CRIØ4 BZ5232BL 8.2V C109 1.0UF 50V R132 1 OHM 5% IW 1.0UF \$ 50V R147 ₹ R148 1K

Figure 4-12. VC-401B VHF Communications Transceiver Power Supply Module Schematic Drawing (1 of 2)





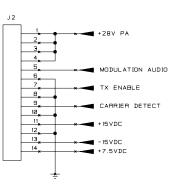


Figure 4-13. VC-401B VHF Communications Transceiver Power Supply Module Schematic Drawing (2 of 2)



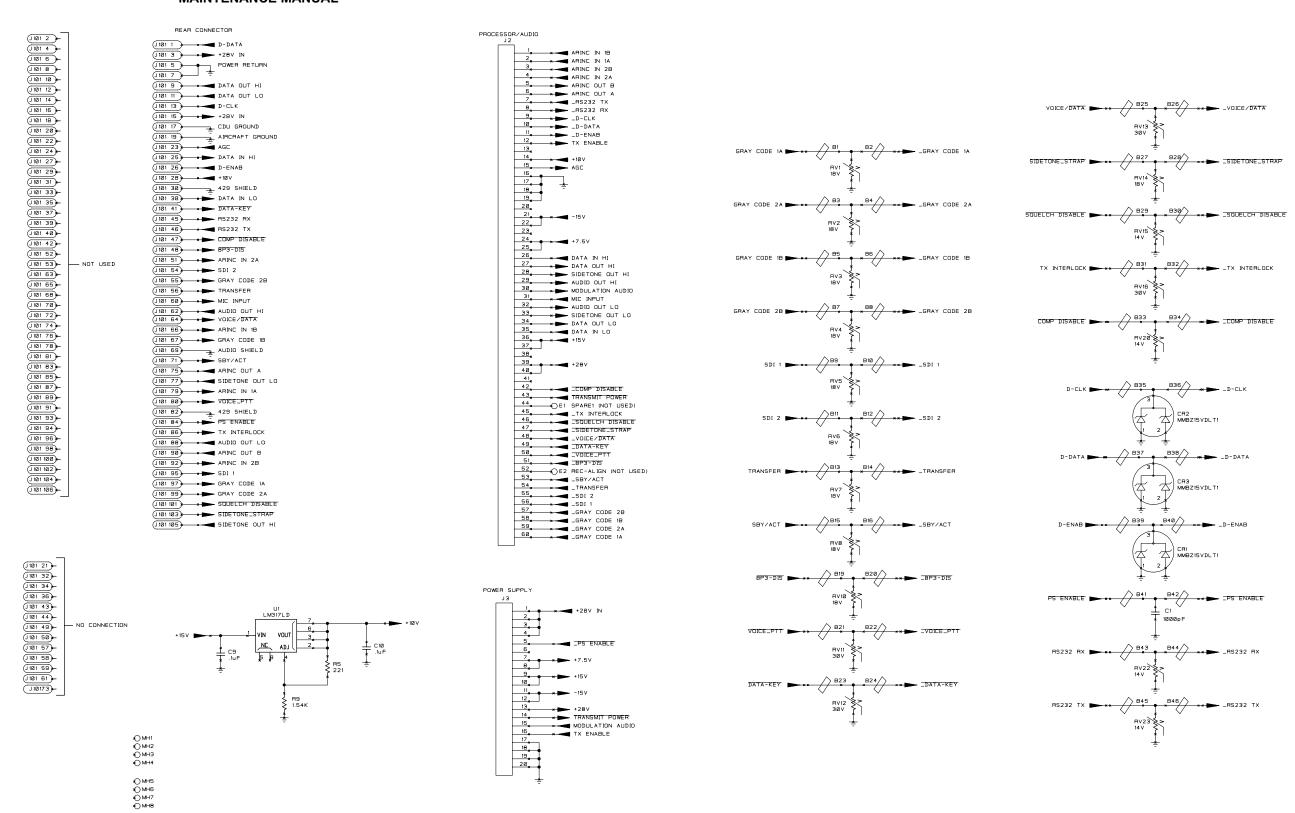


Figure 4-14. VC-401B VHF Communications Transceiver Interconnect Board Schematic Drawing

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