

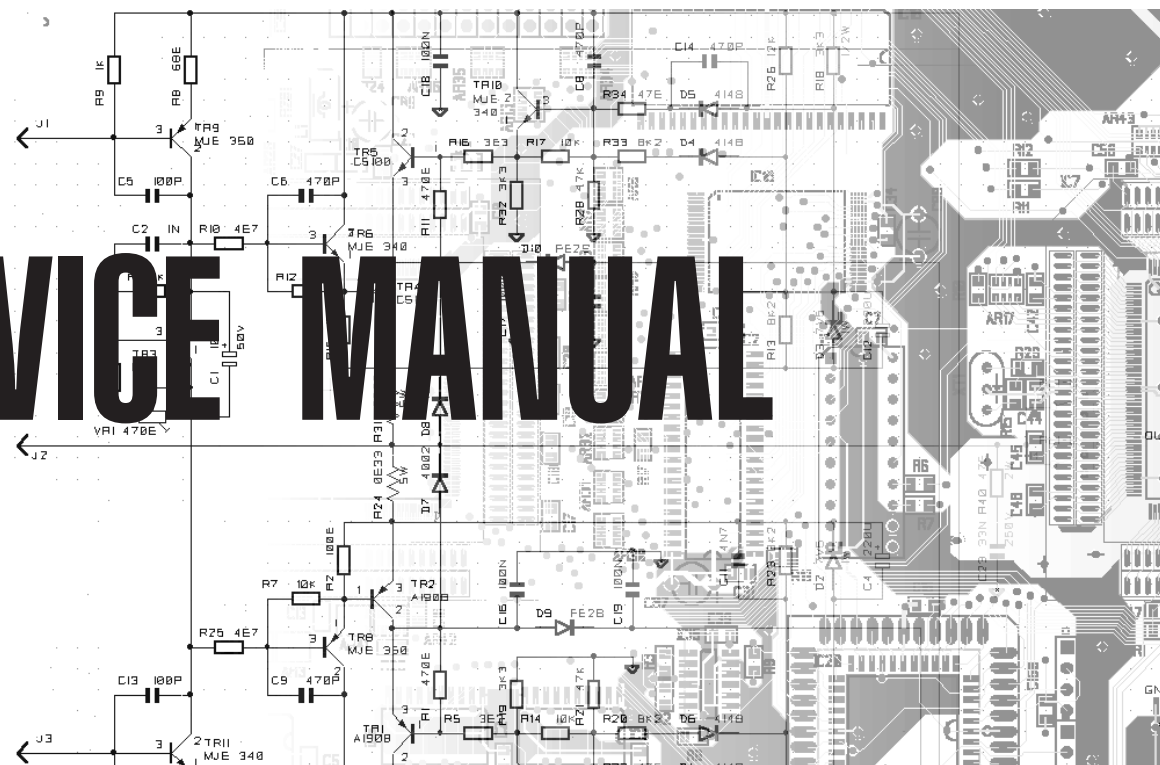


# PM1C

## VHF PERSONAL MONITOR SYSTEM

preliminary

# SERVICE MANUAL



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## Warnings



### Notice

Service must be carried out by qualified personnel only. Any tampering carried out by unqualified personnel during the guarantee period will forfeit the right to guarantee.

For a correct operation of the instrument, after having switched off, be careful to wait at least 3 seconds before switching on again.

To improve the device's specifications, the schematic diagrams may be subject to change without prior notice.

All components marked by this symbol have special safety characteristics, when replacing any of these components use only manufacturer's specified parts.

The (μ) micro symbol of capacitance value is substituted by U.

The (Ω) omega symbol of resistance value is substituted by E.

The electrolytic capacitors are 25Vdc rated voltage unless otherwise specified.

All resistors are 1/8W unless otherwise specified.

All switches shown in the "OFF" position. All DC voltages measured to ground with a voltmeter 20KOhm/V.

← Soldering point.

• Male connector.

○ Female connector.

⊗ M/F faston connector.

↑ Supply voltage.

□ Test point.

⬭ Flag joined with one or more flags with the same signal name inscribed.

⬇ Logic supply ground.

⬇ Analog supply ground.

⬇ Chassis ground.

⬇ Earth ground.



### ATTENTION

Observe precautions when handling electrostatic sensitive devices.

## Address



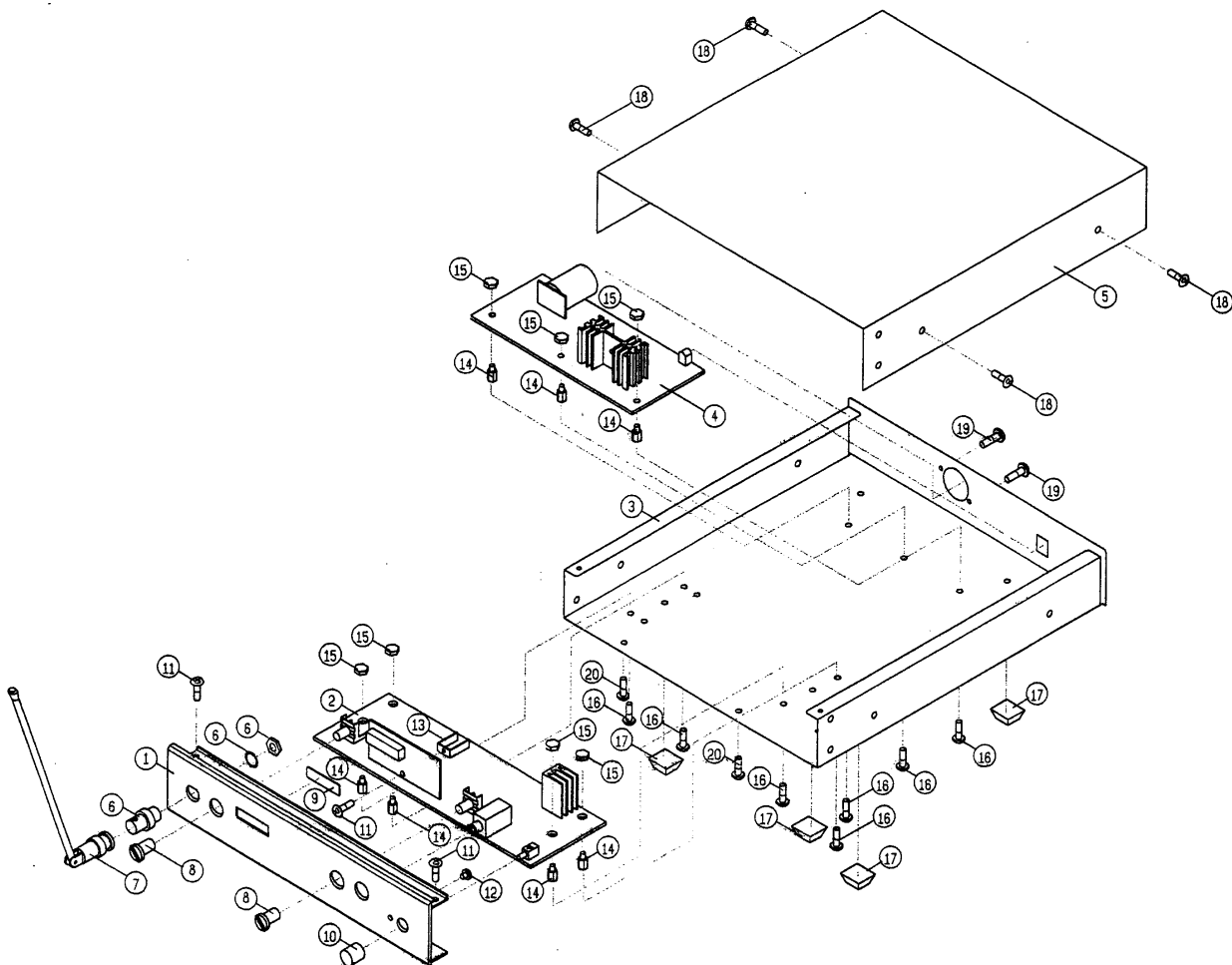
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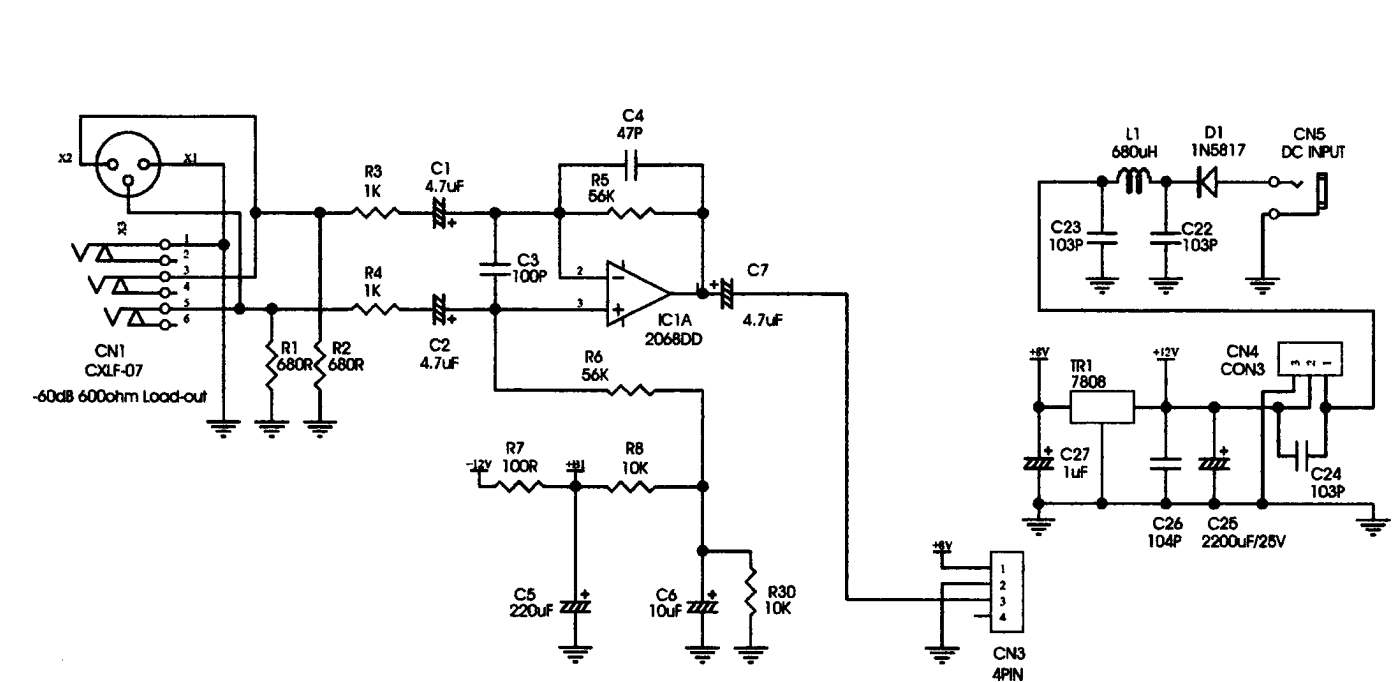
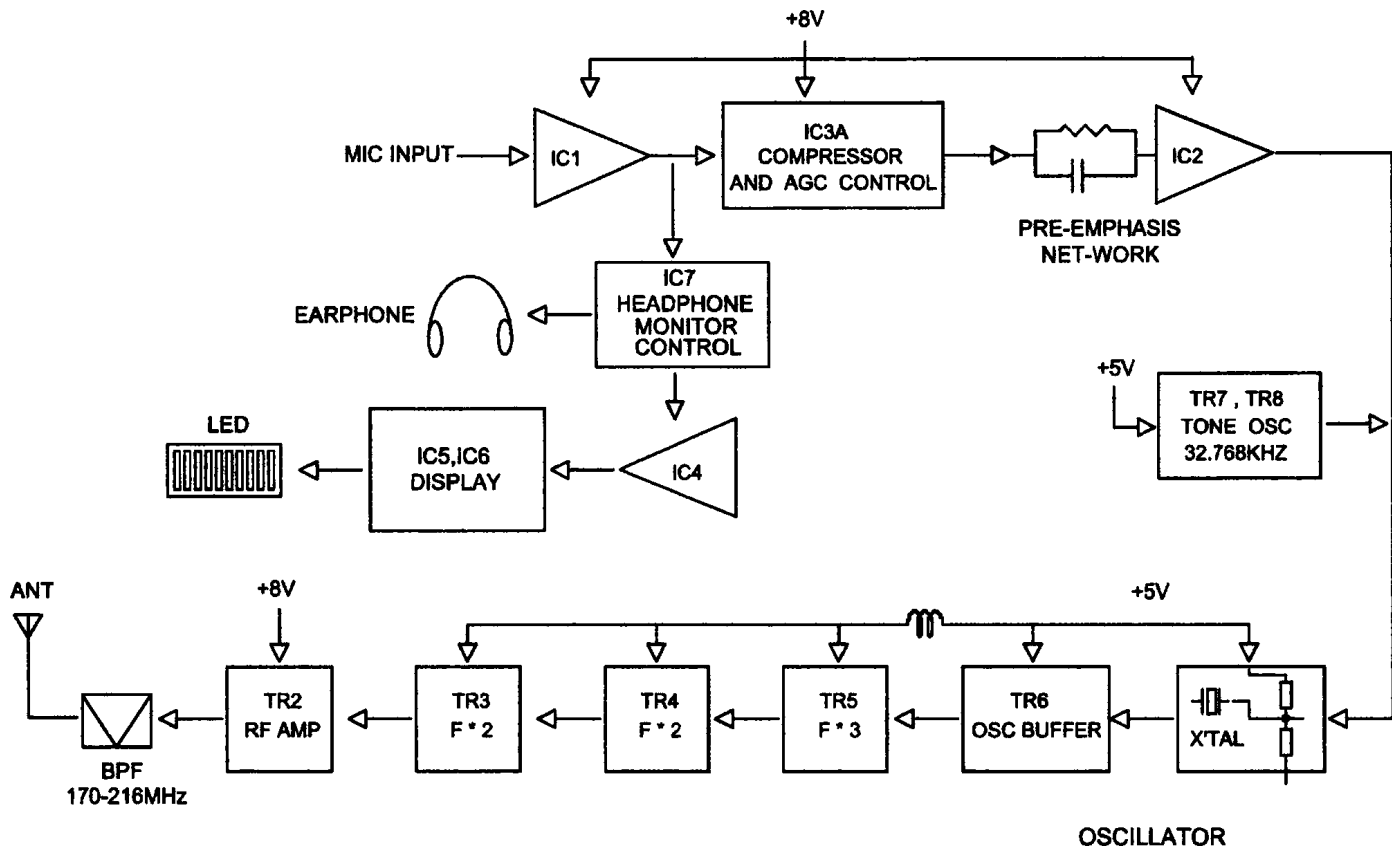
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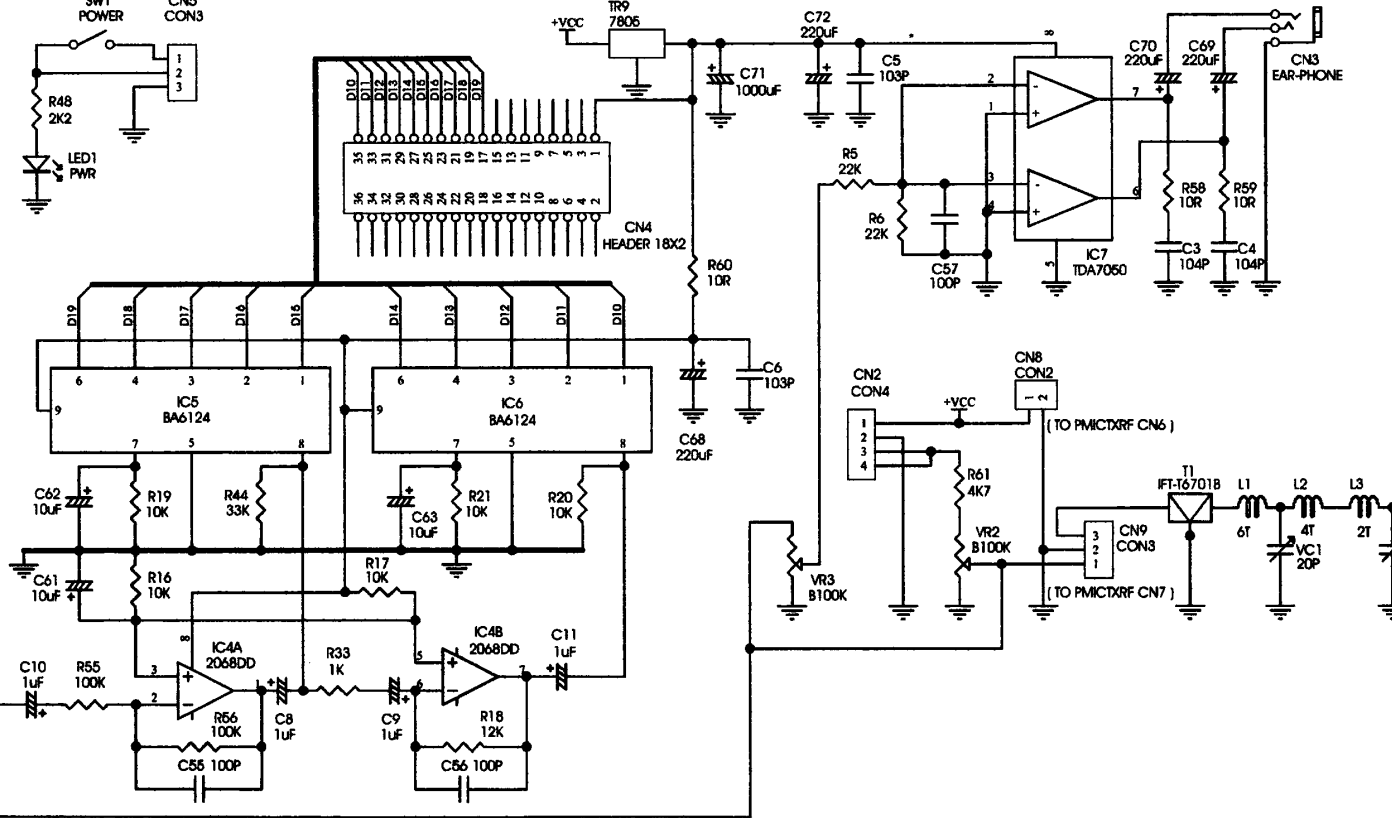
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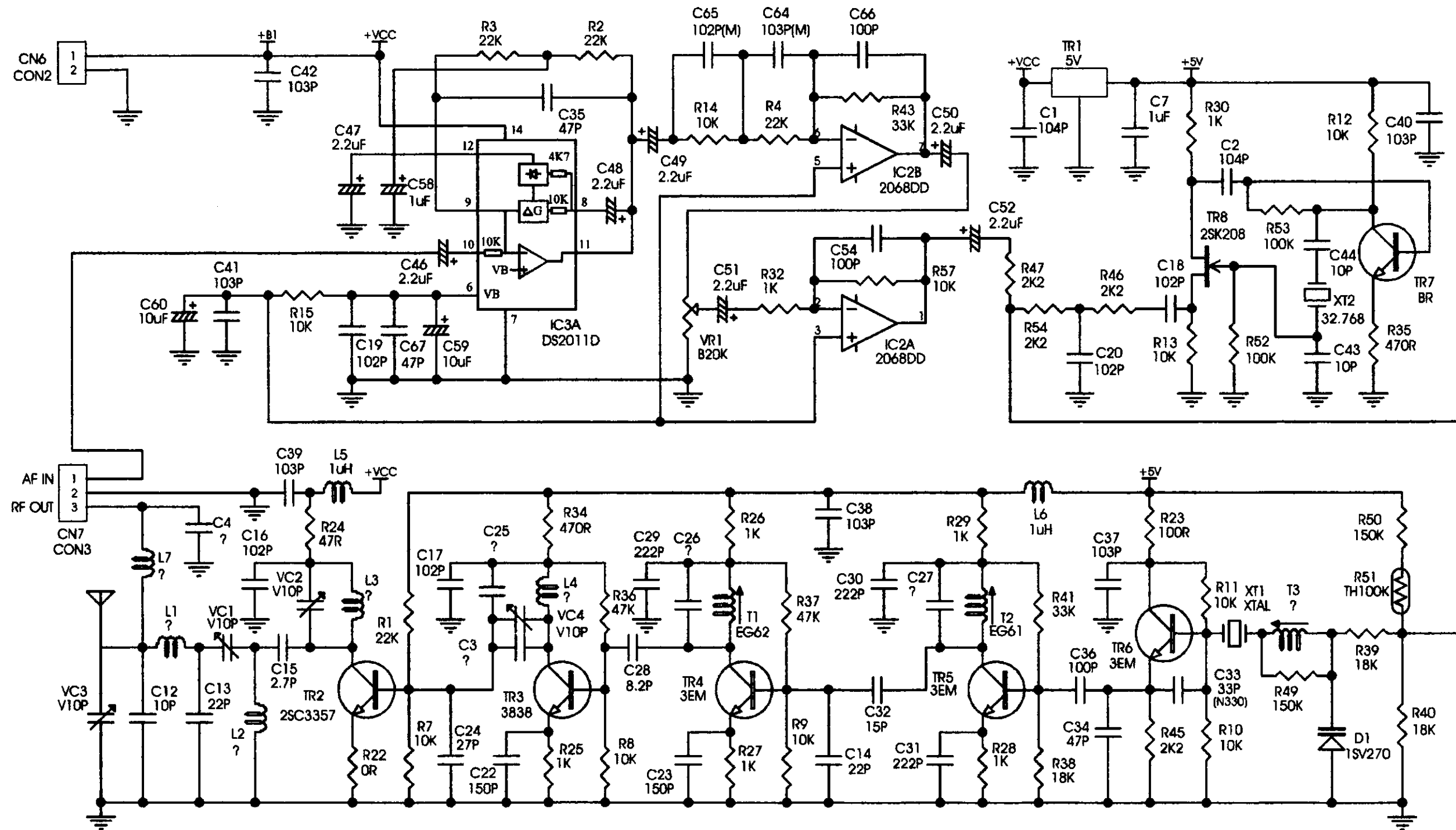


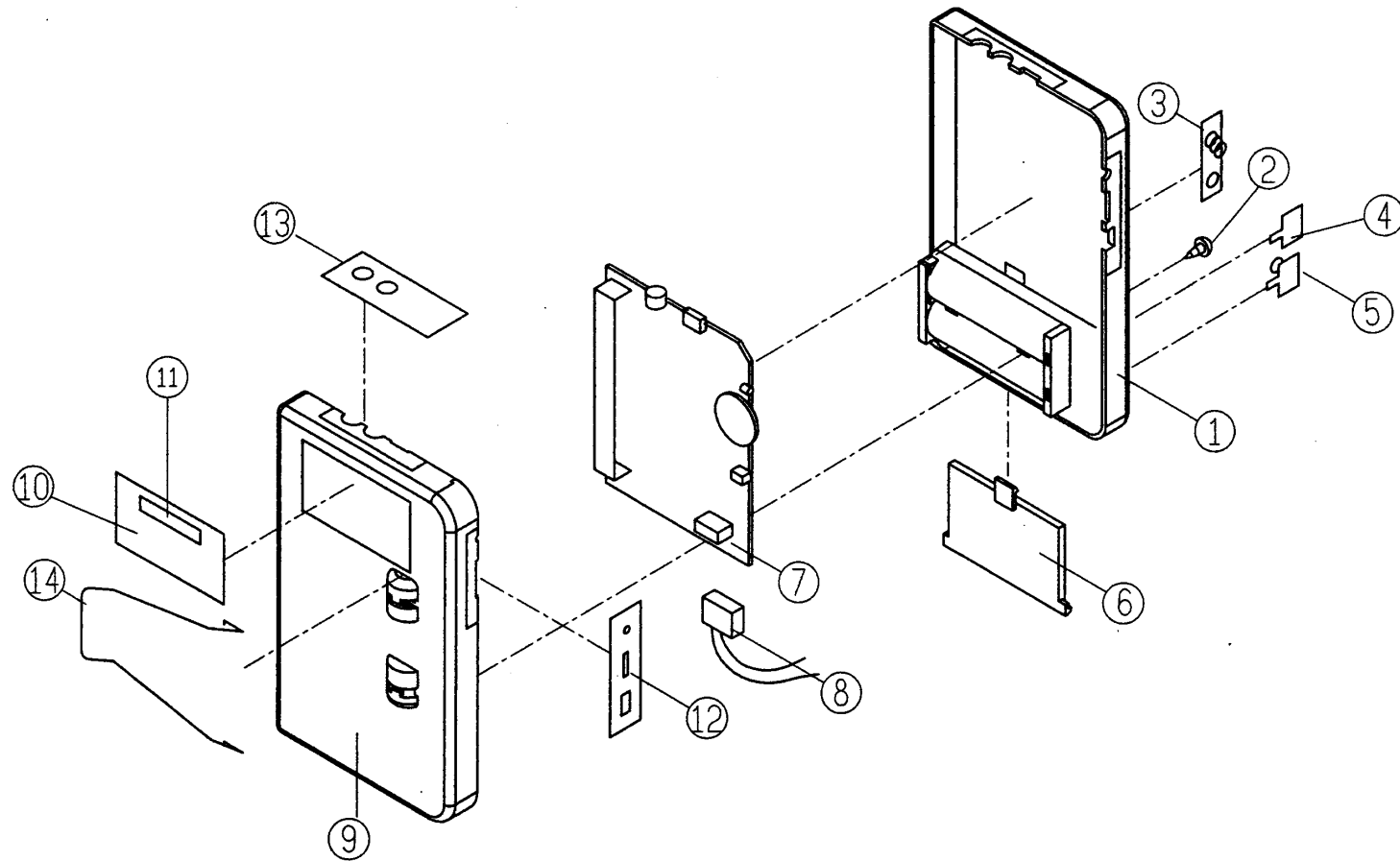
PM1C - Transmitter Block Diagram



PM1C - Transmitter Control Panel Board - Schematic Diagram

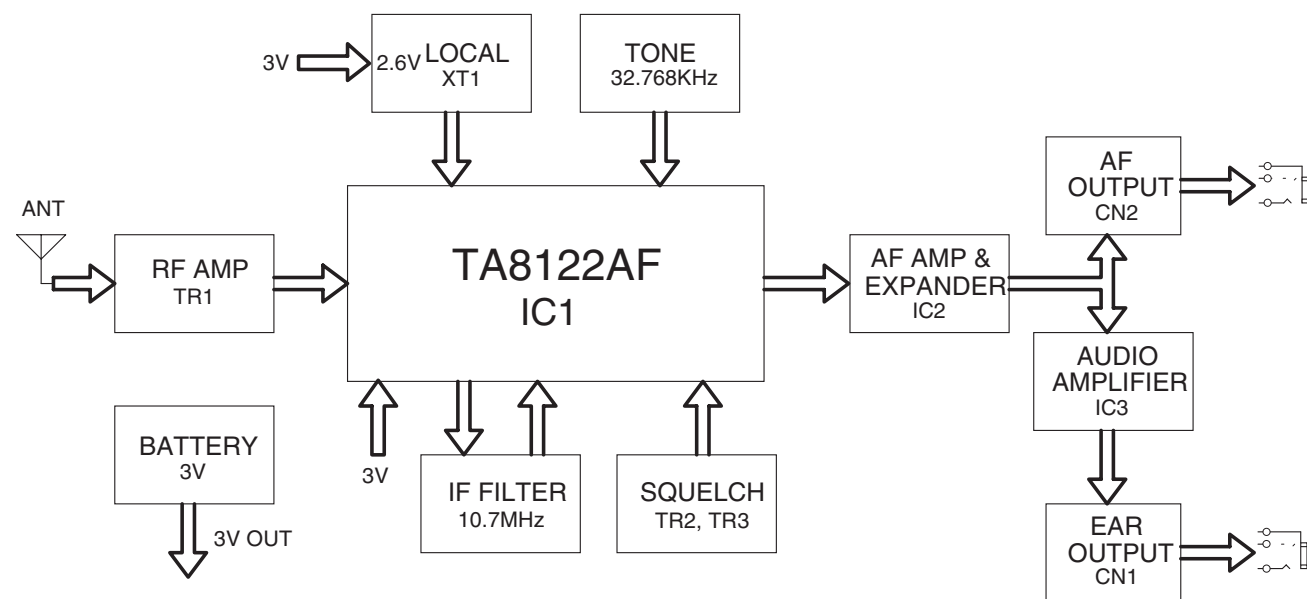






(NOT AVAILABLE)

### PM1C - Receiver Block Diagram



## PM1C - Spare Part List

**PARTS AVAILABLE UP TO TODAY (DECEMBER 2001)**

Transmitter	
277367	PM1C SERIES OWNER'S MANUAL (I-UK)
SKK347000	WIRELESS SYSTEM BAG
SKK888015	PM1C TX VHF TRANSMITTER
SKK888019	HEADPHONE ADAPTER
SKK888010	MONO JACK-JACK CABLE L=1,5MT
SKK888011	ANTENNA FOR VHF SYSTEM
SKK888012	ADAPTER "D41WI120300-12/1" 230V VOUT=12VDC 300MA
SKK888013	ADAPTER "D41WI120300-12/1" 115V VOUT=12VDC 300MA
Receiver	
277376	PM1C RX INSTRUCTIONS SHEET (I-UK)
951311	KOSS "THE PLUG" HEARPHONES
SKK888016	PM1C RX VHF RECEIVER

FREQ.(MHz)	C2	C3	C8	C12
170÷190	15P	18P	10P	10P
190÷210	12P	12P	8P	8P
210÷223	12P	12P	6P	6P

