

TECHNICAL DESCRIPTION

A. CIRCUIT DIAGRAM OPERATION:

1. SUPER REGENERATIVE CIRCUIT
2. PUSH TO TALK(PTT)OPERATION
3. RX:LC MONOFIER & TX:CRYSTAL MONOFIER OPERATION
4. RX RF SIGNAL AMPLIFIER
5. TX/RX AF SIGNAL AMPLIFIER

B. COMPONENT DESCRIPTION

CATEGORY	NUMBER	NAME	DESCRIPTION
TRANSISTOR	9018H	RF SIGNAL TRANSISTOR	RF SIGNAL AMPLIFIER & MONOFIER
TRANSISTOR	9014	AF SIGNAL AMPLIFIER	AF POWER AMPLIFIER
TRANSISTOR	9013	AF SIGNAL AMPLIFIER	AF POWER AMPLIFIER
TRANSFORMER	A5A05 (B1)	AF OUTPUT TRANSFORM	AF OUTPUT COUPLING TRANSFORMER
COIL	T1	MONOFIER & MIXER	TX/RX MONOFIER OPERATION
CRYSTAL	49.860MHZ (X1)	CRYSTAL20PPM	TX SURGE OPERATION