

Technical Description

TRANSMITTER UNIT

C. CIRCUIT OPERATION :

1. FM RF TRANSMITTER MODULE ,OPERATION FREQUENCY CHANNEL 1 49.830MHz, CHANNEL 2 49.860MHz.
2. DC VOLTAGE REGULATOR.
3. MIC AMPLIFIER.
4. TX MUTE TONE SQUELCH.

D. COMPONENT DESCRIPTION

CATEGORY	NUMBER	NAME	DESCRIPTION
INTEGRATED CIRCUIT	LM324	QUAD OPOERATION AMPLIFIER	MIC AMPLIFIER , AUDIO AGC.,TX MUTE TONE SQUELCH.
INTEGRATED CIRCUIT	7805	VOLTAGE REGULATOR	REGULATED THE DC OUTPUT VOLTAGE
QUARTZ CRYSTAL	X1 16.610MHz X2 16.630MHz	OSCILLATOR	MODULATION AND OSCILLATOR CIRCUIT
TRANSISTOR	9018H	AMPLIFIER TRANSISTOR	TX POWER AMPLIFIER
TRANSISOR	3906 ,9014	SWITCH TRANSISTOR	TX POWER CONTROL CIRCUIT
INDUCTANE COIL	L3 T2 T3 T4	INDUCTANE COIL CIRCUIT	FILTER CHOOSE FREQUENCY CIRCUIT