

TECHNICAL DESCRIPTION (X106)

A. CIRCUIT OPERATION:

Receiver

1. SUPERHETERODYNE RECEIVER
2. RECEIVER FREQUENCY: 433.92 MHZ
3. VCO CONTROL (6.7458 M CRYSTAL)
4. SINGLE CONVERSION(IF CENTER FREQUENCY = 0.86 MHZ)
5. IF 3 db BAND WIDTH : 0.43 MHZ

B . COMPONENT DESCRIPTION:

CATEGORY	NUMBER	NAME	DESCRIPTION
RECEIVER			
1. INTEGRATED CIRCUIT	MICRF 011BM	RECEIVER /DATA DEMODULATOR	SINGLE CHIP OOK RECEIVER IC
2. INTEGRATED CIRCUIT	SGA-2463	LOW NOISE AMPLIFIER	300M- 2.4G LNA
3. INTEGRATED CIRCUIT	B3550	SAW FILTER	433.92MHZ SAW FILTER
4. INTEGRATED CIRCUIT	EM78P451	MCU	MCU
5. INTEGRATED CIRCUIT	ISD 2540	VOICE CHIP	RECORD/PLAYBACK CHIP
6. INTEGRATED CIRCUIT	TEA2025B	AUDIO AMPLIFIER	AUDIO POWER AMPLIFIER
7. CRYSTAL	6.7458M	CRYSTAL 5 PPM	CRYSTAL 5PPM