

MODEL : VC868 / WTL-2

TECHNICAL DESCRIPTION

A. CIRCUIT OPERATION :

1. SUPERHETERODYNE RECEIVER
2. MORSE CODE GENERATOR
3. TX, RX, WALKIE TALKIE.

B. COMPONENT DESCRIPTION :

CATEGORY	NUMBER	NAME	DESCRIPTION
INTEGRATED CIRCUIT	3361CP	FM RECEIVER	DEMODULATE A RF SIGNAL TO AN AUDIO SIGNAL
INTEGRATED CIRCUIT	386	AUDIO AMPLIFIER	AUDIO POWER AMPLIFIER (RECEIVING)
TRANSISTOR	C1815	SMALL SIGNAL TRANSISTOR	AUDIO SIGNAL AMPLIFIER (MICROPHONE)
TRANSISTOR	C930E	RF SIGNAL TRANSISTOR	TX POWER AMPLIFIER
TRANSISTOR	KSP10	LOW POWER RF AMPLIFIER	TX POWER AMPLIFIER
TRANSISTOR	2999E	RF SIGNAL TRANSISTOR	RX AMPLIFIER
FILTER	CFT455E	IF FILTER	IF 455KHZ FILTER
CRYSTAL	16.620 MHZ	CRYSTAL	TX FREQUENCY OPERATION
CRYSTAL	49.405 MHZ	CRYSTAL	FREQUENCY COMPARATION (RECEIVING)
DIODE	1SV101	TUNING DIODE	FREQUENCY OPERATION
TRANSFORMER	EI14	EI14-372K	MORSE CODE GENERATOR

PREPARED BY : J.Y.Fong



DATE : 26TH JULY 2001