

APPENDIX 3
FUNCTION OF DEVICES
75-503

TWO (2) PAGE LIST OF SEMICONDUCTOR FUNCTIONS
FOLLOWS THIS SHEET

FUNCTION OF DEVICES
FCC ID: MMA75503

APPENDIX 3

8. SEMICONDUCTORS AND FUNCTIONS

1) TRANSISTOR

REF NO	TYPE	MANUFATURER	FUNCTION
Q1	2SC5084	TOSHIBA	RX RF AMP.
Q2	2SC5084	TOSHIBA	1'ST MIXER
Q3	KTC3880S	K.E.C	1'ST IF AMP.
Q4	KRC104S	K.E.C	SWITCHING
Q5	KTC3875S	K.E.C	SQUELCH
Q6	KRC1504S	K.E.C	AUDIO MUTE
Q7	KTA104S	K.E.C	AUDIO MUTE
Q8	KRC104S	K.E.C	SQUELCH, VOX MUTE
Q9	KTC3875S	K.E.C	BATT LOW
Q10	KTC3875S	K.E.C	BATT LOW
Q11	KRC104S	K.E.C	MIC MUTE
Q12	KRA105S	K.E.C	VOX SWITCHING
Q13	KTC3875S	K.E.C	INTERCOM AMP
Q14	KRC104S	K.E.C	TX B+ SWITCHING
Q15	KRC114S	K.E.C	SQUELCH CONTROL
Q16	KRC104S	K.E.C	TX B+ SWITCHING
Q17	KTA105	TOSHIBA	RX B+ SWITCHING
Q18	KRC104S	K.E.C	INTERCOM MUTE
Q19	KRA105S	K.E.C	TX B+ SWITCHING
Q20	KRC104S	K.E.C	INTERCOM MUTE
Q21	KRA101S	K.E.C	TX B+ SWITCHING
Q31	KRC104S	K.E.C	RX/TX VCO SWITCHING
Q32	2SC5084	TOSHIBA	O.S.C
Q33	2SC5084	TOSHIBA	BUFFER
Q34	2SC5084	TOSHIBA	RX BUFFER
Q35	2SC5084	TOSHIBA	TX DRIVER
Q36	2SC5084	TOSHIBA	TX POWER DRIVER AMP.
Q38	BFG135A	SIMENS	TX POWER FINAL AMP.

2) INTERGRATED CIRCUIT

REF NO	TYPE	MANUFATURER	FUNCTION
IC1	MC3361CD	MOTOLOLA	2'ND MIXER, IF, AND FM DETECTOR
IC3	LM1602	NATIONAL	PLL FREQUENCY SYNTHESIZER
IC5	TK11430	TOKO	REGULATOR
IC2	LM386	NATIONAL	AUDIO POWER AMP.
IC6	LM324	NATIONAL	PRE-EMPHASIS AND MIC AMP, LIMITTER.
IC7	KS51840F	SAMSUNG	CPU