

APPENDIX 3
FUNCTION OF DEVICES
75-515

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

FUNCTION OF DEVICES
FCC ID: MMA75515

APPENDIX 3

9. SEMICONDUCTORS AND FUNCTIONS

1) TRANSISTER

REF NO	TYPE	MANUFATURER	FUNCTION
Q2	KRC104S	K.E.C	INTERCOM S/W
Q3	KRA105S	K.E.C	RX POWER SAVEING SWITCHING
Q4	KRC104S	K.E.C	TX SWITCH
Q5	BFG135A	PHILIPS	TX POWER FINAL AMP.
Q8	KTC3875S	K.E.C	INTERCOM AMP.
Q9	KSC113S	K.E.C	INTERCOM S/W
Q11	2TC3880S	K.E.C	CTCSS DET.
Q13	KRC104S	K.E.C	CALL MUTE
Q19	KTC3875S	K.E.C	ESP (RX) OUT
Q20	KTC3875S	K.E.C.	ESP SWITCH
Q31	KRC104S	K.E.C	RX/TX VCO SWITCHING
Q32	2SC5084	TOSHIBA	O.S.C
Q33	2SC5084	TOSHIBA	BUFFER
Q201	2SC5084	TOSHIBA	RX RF AMP.
Q202	2SC5084	TOSHIBA	1'ST MIXER
Q203	KTC3880S	K.E.C	1'ST IF AMP.
Q207	2SC5084	TOSHIBA	RX LOCAL OUTPUT
Q208	2SC5084	TOSHIBA	TX POWER DRIVE AMP.
Q209	2SC5084	TOSHIBA	TX BUFFER
Q303	KTA1504ST1(G)	K.E.C	AUDIO MUTE
Q304	KRC104S	K.E.C	AUDIO MUTE
Q306	KRA110S	K.E.C	LCD BACK LIGHT SWITCHING
Q311	KTA1504ST1(G)	K.E.C	AUDIO PATH SWITCH
Q312	KRA105S	K.E.C	RX B+ SWITCHING
Q314	KRA105S	K.E.C	TX B+ SWITCHING
Q315	KRC104S	K.E.C	TX B+ SWITCHING
Q316	KRA101S	K.E.C	PTT DETECTOR
Q317	KTC3875S	K.E.C	CTCSS DETECTOR

2) INTEGRATED CIRCUIT

REF NO	TYPE	MANUFATURER	FUNCTION
IC1	24C02	HOLTEK	EEPROM
IC2	TA31101AP	TOSHIBA	COMPANDER
IC3	MC14066	MOTOLOLA	ANALOG SWITCH
IC501	MC3361BD	MOTOLOLA	2'ND MIXER, IF, AND
IC502	LM1602	NATIONAL	FM DERECTOR PLL FREQUENCY SYNTHESIZER
IC701	TMP8721DF	TOSHIBA	CPU
IC702	TK11430	TOKO	REGULATOR
IC704	LM386	NATIONAL	AUDIO POWER AMP.
IC707	KIA324F	K. E. C	PRE-EMPHASIS AND 300Hz HFP.
IC710	KIA324F	K. E. C	DE-EMPHASIS AND 300Hz HPF.
IC711	KIA324F	K. E. C	CTCSS TONE DETECTOR (LPF)