

APPENDIX 3
FUNCTION OF DEVICES
Connect 14

TWO (2) PAGE LIST FOLLOWS THIS SHEET

FUNCTION OF DEVICES
FCC ID: OKMCONNECT14

APPENDIX 3

8. SEMICONDUCTORS AND FUNCTIONS

1) TRANSISTOR

REF NO	TYPE	MANUFATURER	FUNCTION
Q1	2SC4226	N. E. C	RX RF AMP.
Q2	2SC4226	N. E. C	1'ST MIXER
Q3	KTC3880S	K. E. C	1'ST IF AMP.
Q4	KRC104S	K. E. C	RX B+SWITCHING AT TX
Q5	KRC110S	K. E. C	SQUELCH MUTE
Q6	KRC113S	K. E. C	AUDIO MUTE
Q8	KRA105S	K. E. C	POWER SAVE CONTROL
Q9	KTC3875S	K. E. C	BATTERY LOW
Q10	KTC3875S	K. E. C	BATTERY LOW
Q11	KRC104S	K. E. C	MIC MUTE
Q19	KRA101S	K. E. C	PTT SWITCHING
Q20	KRC104S	K. E. C	PTT SWITCHING
Q21	KRA105S	K. E. C	TX B+ SWITCHING
Q22	KRA105S	K. E. C	RX B+ SWITCHING
Q23	KRC104S	K. E. C	SWITCHING
Q31	KRC104S	K. E. C	RX/TX VCO SWITCHING
Q32	2SC5084	TOSHIBA	O. S. C
Q33	2SC5084	TOSHIBA	BUFFER
Q34	2SC4226	N. E. C	RX BUFFER
Q35	2SC4226	N. E. C	TX BUFFER
Q36	2SC4226	N. E. C	TX POWER DRIVER AMP.
Q37	BFG135A	SIMENS	TX POWER FINAL AMP.

2) INTEGRATED CIRCUIT

REF NO	TYPE	MANUFACTURER	FUNCTION
IC1	KA3361	SAMSUNG	2'ND MIXER IF AND FM DETECTOR
IC2	NJM2070	J. R. C	AUDIO POWER AMP.
IC3	TMP87C807C	TOSHIBA	CPU
IC4	KB8825	SAMSUNG	PLL FREQUENCY SYNTHESIZER
IC5	TK11430	TOKO	REGULATOR
IC6	LM358	T. I	PRE-EMPHASIS AND MIC AMP, LIMITTER.