

APPENDIX 3
FUNCTION OF DEVICES
Connect 3

TWO (2) PAGE LIST FOLLOWS THIS SHEET

FUNCTION OF DEVICES
FCC ID: OKMCONNECT3

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	2SC4226	N.E.C	RX BUFFER
Q5	KRC104S	K.E.C	RX B+ SWITCHING AT TX
Q6	KRA105S	K.E.C	RX B+ SWITCHING
Q7	KRC104S	K.E.C	SQUELCH IN SWITCHING
Q8	KRC104S	K.E.C	SQUELCH IN SWITCHING
Q9	KTC3875S	K.E.C	SQUELCH MUTE
Q10	KRA105S	K.E.C	POWER SAVE CONTROL
Q11	KRC104S	K.E.C	TX B+ SWITCHING
Q12	KRA105S	K.E.C	TX B+ SWITCHING
Q13	KRC113S	K.E.C	AUDIO MUTE
Q20	KTC3875S	K.E.C	BATTERY LOW
Q21	KTC3875S	K.E.C	BATTERY LOW
Q24	KRC104S	K.E.C	MIC MUTE
Q26	KRA101S	K.E.C	PTT SWITCHING
Q27	KRC104S	K.E.C	PTT SWITCHING
Q28	2SC4226	N.E.C	TX DRIVER
Q29	2SC4226	N.E.C	TX POWER DRIVER AMP.
Q30	BFG135A	SIMENS	TX POWER FINAL AMP.
Q31	KRC104S	K.E.C	RX/TX VCO SWITCHING
Q32	2SC5084	TOSHIBA	O.S.C
Q33	2SC5084	TOSHIBA	BUFFER

2) INTEGRATED CIRCUIT

REF NO	TYPE	MANUFACTURER	FUNCTION
IC1	KS51840F	SAMSUNG	CPU
IC2	LM1602	NATIONAL	PLL FREQUENCY SYNTHESIZER
IC3	KA3361	SAMSUNG	2'ND MIXER IF AND FM DETECTOR
IC4	NJM2070	J. R. C	AUDIO POWER AMP.
IC5	TK11430	TOKO	REGULATOR
IC6	LM358	T. I	PRE-EMPHASIS AND MIC AMP, LIMITTER.