

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	MANUFACTURER	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.