

APPENDIX 3
FUNCTION OF DEVICES
FRS 300

TWO (2) PAGE LIST FOLLOWS THIS SHEET

FUNCTION OF DEVICES
FCC ID: BBOFRS300

APPENDIX 3

9. SEMICONDUCTORS AND FUNCTIONS

1) TRANSISTER

REF NO	TYPE	MANUFACTURER	FUNCTION
Q201	2SC5084	TOSHIBA	RX RF AMP.
Q202	2SC5084	TOSHIBA	1 ST MIXER
Q203	KTC3880S	K.E.C	1 ST IF AMP.
Q204	KRC104S ,	K.E.C	RX/TX VCO SWITCHING
Q205	2SC5084	TOSHIBA	BUFFER
Q206	2SC5084	TOSHIBA	O.S.C
Q207	2SC5084	TOSHIBA	TX POWER MODULE DRIVER
Q208	2SC5084	TOSHIBA	RX LOCAL OUTPUT
Q209	MMBR951	MOTOLOLA	TX POWER DRIVER AMP
Q210	BFG135A	SIEMENS	TX POWER FINAL AMP
Q303	KRA1504S	K.E.C	AUDIO MUTE
Q304	KRC104S	K.E.C	AUDIO MUTE
Q305	KRC111S	K.E.C	VIBRATOR SWITCHING
Q306	KRA111S	K.E.C	BACK LIGHT SWITCHING
Q311	KTA1504S	K.E.C	RX SIGNAL SWITCHING
Q312	KRA105S	K.E.C	POWER SAVE SWITCHING
Q313	KRC104S	K.E.C	PRIVATE SWITCHING
Q314	KRA105S	K.E.C	TX ENABLE SWITCHING
Q315	KRC104S	K.E.C	TX ENABLE SWITCHING
Q316	KTA1504S	K.E.C	TX SWITCHING
Q318	KTA1504S	K.E.C	VIBRATOR SWITCHING

2) INTERGRATED CIRCUIT

REF NO	TYPE	MANUFACTURER	FUNCTION
IC201	TB31202FN	TOSHIBA	PLL FREQUENCY SYNTHESIZER
IC202	MC3361	MOTOLOLA	2'ND MIXER, IF, AND FM DETECTOR
IC301	TMP87E	TOSHIBA	CPU
IC302	M64020FP	MITSUBISHI	SCRAMBLER
IC303	MF6CWN	NATIONAL	SWITCHED CAPACITOR FILTER
IC304	MC14053BD	MOTOLOLA	ANALOG SWITCH
IC305	93C46	ATMEL CORP.	EEPROM
IC306	TK11450	TOKO	REGULATOR
IC307	KIA324F	K.E.C	DE-EMPHASIS AND 300Hz HPF
IC308	KIA324F	K.E.C.	PRE-EMPHASIS AND 300Hz HPF
IC309	LM386	LG	AUDIO POWER AMP