

APPENDIX 3
FUNCTION OF DEVICES
FRS 310WX

TWO (2) PAGE LIST FOLLOWS THIS SHEET

FUNCTION OF DEVICES
FCC ID: BBOFRS310WX

APPENDIX 3

10. SEMICONDUCTORS AND FUNCTIONS.

1) IC

REF. No.	DESCRIPTION	FUNCTION		MANUFACTURER
		RX	TX	
IC201	TB31202FN	PLL IC	PLL IC	THOSHIBA
IC202	MC3361	2 ND MIXER AF DETECTOR	NONE	MOTOLORA
IC301	TMP87E	CPU	CPU	TOSHIBA
IC302	M64020FP	SCRAMBLER	SCRAMBLER	MITSUBISHI
IC303	MSELP5	SWITCHED CAPACITOR	SWITCHED CAPACITOR	MSI
IC304	MC14053BD	ANALOG SWITCH	ANALOG SWITCH	MOTOROLA
IC305	AT93C46-10SI	EEPROM	EEPROM	ATMEL
IC306	TK11440MTR	4V REGULATOR	4V REGULATOR	TOKO
IC307	KIA324F	DE-EMPHASIS, 300Hz	NONE	K.E.C.
IC308	KIA324F	NONE	DE-EMPHASIS, 3KHz	K.E.C.
IC309	LM386	AUDIO AMP	NONE	NATIONAL
IC310	KIA358	CALL DET	NONE	K.E.C.
TCXO	SNP3109A	TCXO	TCXO	NDK
SF1	KF405AV	RX SAW FILTER	NONE	K.E.C.

2) TR

REF	DESCRIPTION	FUNCTION		MANUFACTURER
		RX	TX	
Q5	2SC5084	WX RF AMP		TOSHIBA
Q6	2SC5084	WX 1 ST MIXER		"
Q1	2SC5084	WX VCO		"
Q3	2SC5084	WX VCO		"
Q4	2SC5084	WX LOCAL OSC AMP		"
Q8	2SC5084	WX LOCAL OSC BUFFER		"
Q201	2SC5084	FRS RX AMP		"
Q202	2SC5084	FRS RX 1 ST MIXER		"
Q203	KTC3880	1 ST IF AMP		K.E.C.
Q204	KRC104		TX VCO SWITCHING	"
Q205	2SC5084	FRS VCO	FRS VCO	TOSHIBA
Q206	2SC5084	FRS VCO	FRS VCO	"
Q207	2SC5084	RX VCO BUFFER		"
Q208	2SC5084		TX VCO BUFFER	"
Q209	MMBR951		TX DRIVE TR	MOTOROLA
Q210	BFG 135A		TX POWER TR	GEMENS
Q228	KRC 104S		TX SWITCHING	K.E.C.
Q331	2SC3875S		CALL OSC	"
Q316	KTA 1504S		PTT CONTROL	"
Q314	KRA 105S		TX B+ SWITCHING	"
Q315	KRC104S		TX B+ SWITCHING	"
Q312	KRA105S	RX B+ SWITCHING		"
Q7	KRA105S	FRS B+ SWITCHING	FRS B+ SWITCHING	"
Q10	KRA105S	WX B+ SWITCHING		"
Q311	KTA1504S	AF SWITCHING		"
Q362	KRC104S	BELL, BEEP TONE		"
Q2	KTC3875S	BELL, BEEP TONE		"
Q304	KRC104S	AUDIO MUTE		"
Q303	KTA1504S	AUDIO MUTE		"
Q305	KTC3875S	CONTROL VIBRATOR		"
Q318	KTA1504S	MOTOR SWITCHING		"
Q306	KRA111S	LCD BACK LIGHTING		"
Q313	KRC104S	PRIVATE SWITCHING	PRIVATE SWITCHING	"
Q363	KTC3875S	CTCSS SWITCHING	CTCSS SWITCHING	"