

9. SEMICONDUCTORS AND FUNCTIONS

1) TRANSISTER

REF NO	TYPE	MANUFACTURER	FUNCTION
QR1	2SC4226	N.E.C	RX AMP
QR2	2SC4226	N.E.C	RX MIXER
QS1	KRA301E	K.E.C	RX B+
QS2	KRA305E	K.E.C	POWER SAVE
QS3	KRA310E	K.E.C	LED CONTROL
QS4	KTC4075	K.E.C	TX B+ CONTROL
QS5	KTC404E	K.E.C	TX POWER CONTROL
QS6	KRA305E	K.E.C	PTT KEY SWITCHING
QS7	KRA305E	K.E.C	MAIN POWER SWITCHING
QS8	KRC404E	K.E.C	INTERNAL MIC B+ CONTROL
QS9	KTC404E	K.E.C	TX MUTE
QS10	KTA2014	K.E.C	AUDIO PATH
QS11	KRC404E	K.E.C	CTCSS SWITCHING
QS12	KRA305E	K.E.C	TX B+
QV1	2SC4226	N.E.C	OSCILLATOR
QV2	KRC404E	K.E.C	TX/RX SWITCHING
QB1	2SC4226	N.E.C	VCO BUFFER
QB2	KRC404E	K.E.C	TX/RX SWITCHING
QT1	2SC4226	N.E.C	TX BUFFER
QT2	2SC4226	N.E.C	TX DRIVE AMP
QT3	N5510279A	N.E.C	TX MAIN AMP
Q1	KTA2014	K.E.C	VIBRATOR SWITCHING
Q2	KTC4075	K.E.C	VIBRATOR SWITCHING
QF3	KRC404E	K.E.C	CALL SWITCHING
QWS1	KRA305E	K.E.C	WX B+

2) INTEGRATED CIRCUIT

REF NO	TYPE	MANUFACTURER	FUNCTION
IC3	AV6311FA	MATSUSHITA	PLL,MIXER,IF PROSSING
IC1	LM 324F	SGS TOMSON	CTCSS TONE DET.(300Hz LPF)
IC2	LM 324F	SGS TOMSON	AUDIO 300Hz HPF
IC7	LM 386	INTERGRAL	AUDIO POWER AMP
IC5	T71540	TOKO	REGULATOR
IC3	TP86PM29AU	TOSHIBA	CPU

@ N.E.C : NATIONAL SEMICONDUCTOR

@ AUK : AUK CORP.

@ ELM : ELM TECHNOLOGY

@ K.E.C : KOREA ELECTRONICS CO.,LTD.