

9. SEMICONDUCTORS AND FUNCTIONS

1) TRANSISTER

REF NO	TYPE	MANUFACTURER	FUNCTION
QV2	2SC5085-Y	TOSHIBA	VCO BUFFER
QR1	2SC5085-Y	TOSHIBA	RX AMP
QR2	2SC5085-Y	TOSHIBA	RX MIXER
QR5	KRC404E	K.E.C	CTCSS DETECTOR
QS3	KRC4075E	K.E.C	LED CONTROL
QS6	KRA305E	K.E.C	PTT KEY SWITCHING
QS7	KRA304E	K.E.C	MAIN POWER SWITCHING
QS8	KRA305E	K.E.C	INTERNAL MIC B+ CONTROL
QV1	2SC5085-Y	TOSHIBA	OSCILLATOR
QV2	KRC404E	K.E.C	TX/RX SWITCHING
QT1	2SC5085-Y	TOSHIBA	TX BUFFER
QT2	2SC5085-Y	TOSHIBA	TX DRIVE AMP
QT3	2SK3656	TOSHIBA	TX MAIN AMP

2) INTEGRATED CIRCUIT

REF NO	TYPE	MANUFACTURER	FUNCTION
IC1	TMP86PM29AU	TOSHIBA	CPU
IC2	AN29160A	PANASONIC	PLL, MIXER, IF PROSSING, LPF, HPF LIMITTER, APA,
IC5	TK71540	TOKO	REGULATOR
IC10	IL358	INTERGRAL	CALL POWER AMP

@ N.E.C : NATIONAL SEMICONDUCTOR
@ AUK : AUK CORP.
@ ELM : ELM TECHNOLOGY
@ K.E.C : KOREA ELECTRONICS CO.,LTD.