

# BBOPR950DXD SEMICONDUCTORS AND FUNCTIONS

<u>Schematic Reference</u>	<u>Vendor Part Number</u>	<u>Vendor</u>	<u>Function</u>
Q2	KTA1504	K.E.C	MOTOR CONTROL
Q3	KTC3875	K.E.C	MOTOR CONTROL
QR1	2SC4226	N.E.C	RX RF AMP
QR2	2SC4226	N.E.C	RX 1 <sup>st</sup> mixer
QR3	STC2059Y	AUK	RX IF AMP
QR4	STA1037G	AUK	AUDIO PATH
QR5	STA1037G	AUK	AUDIO MUTE
QR6	SRC1204	AUK	AUDIO MUTE
QP1	SRA2201	AUK	P.SAVE SWITCHING
QRS1	SRA2201	AUK	RX B+ SWITCHING
QCS1	SRC1204	AUK	RX CALL DECT
QCS2	SRC1204	AUK	RX CTCSS DET
QCS3	SRC1204	AUK	CALL MUTE
QHL1	KRC114S	K.E.C	HI/LOW CONTROL
QTS3	SRC1204	AUK	TX SWITCHING
QTS4	KRC110S	KEC	TX SWITCHING
QTS5	SRA2205	AUK	TX B+ SWITCHING
QTS6	KRC110S	K.E.C	TX B+ SWITCHING
QTS7	SRA2201	AUK	MIC AMP B+ SWITCHING
QTS8	SRA2205	AUK	PTT SWITCHING
QT1	2SC4226	N.E.C	TX BUTTER
QT2	2SC4226	N.E.C	TX DRIVER
QT3	NE5510279A	N.E.C	TX AMP
QT4	SRC1204	AUK	RX B+ SW AT TX MODE
QB1	KRA110S	KEC	LAMP SWITCHING
Q1	2SC4226	NEC	R/TX BUTTER
Q31	KRC104S	KEC	VCO
Q32	2SC4226	NEC	VCO
Q33	2SC4226	NEC	VCO
IC1	TB31202FN	TOSHIBA	PLL IC
IC2	DBL 5019	DAE WOO	FM IF IC
IC4	IL 324F	INTERGRAL	CTCSS TONE DET.(300Hz LPF)
IC5	IL 358F	INTERGRAL	CALL DET
IC6	IL 324F	INTERGRAL	DE-EMPHASIS AND 300Hz HPF
IC7	IL 386	INTERGRAL	AUDIO POWER AMP
IC8	ELM9836	E.L.M	REGULATOR
IC10	TMP87C21DF	K.E.C	CPU
IC11	IL 324F	INTERGRAL	TX PRE-EMPHASIS AND 300Hz HPF
IC20	24C02	HOLTEK	EE-PROM

@ N.E.C : NATIONAL SEMICONDUCTOR

@ AUK : AUK CORP.

@ ELM : ELM TECHNOLOGY

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