

D. SEMICONDUCTORS AND FUNCTION

IC

REF.NO	DESCRIPTION	FUNCTION	MANUFACTURER
IC4	TMP86CH21U	CPU	TOSHIBA
IC5	TB31202FN	PLL IC	TOSHIBA
IC1	KIA 7217AP	AM AUDIO AMP DURING TX	K.E.C
IC11	TK71550ASCL	REGULATOR 5V	TOKO

TRANSISTOR

REF.NO	DESCRIPTION	FUNCTION	MANUFACTURER
QL1	KTC3880S-Y	VCO BUFFER	K.E.C
QL2	KTC3880S-Y	VCO OSILLATOR	K.E.C
QL3	KTC3880S-Y	VCO BUFFER	K.E.C
QB1	KTC3875GR	POWER SOURCE	K.E.C
QM1	KTA1504G	TX B+ SOURCE	K.E.C
QB2	KTC3875GR	RX B+ SOURCE	K.E.C
QM1	KTC3875GR	AM ALC CONTROL	K.E.C
QM2	KTA1504G	AM MODULATION CONTROL	K.E.C
QM3	KTC3875GR	AM MICROPHONE AMP	K.E.C
QM5	KTA1504G	TX MIC B+	K.E.C
QR1	KTC3875GR	RX SQ SWITCHING	K.E.C
QR9	KTC3875GR	RX SQ SWITCHING	K.E.C
QR11	KTC3875GR	RX SQ SWITCHING	K.E.C
QR2	KTC3880S-Y	RX RF AMP	K.E.C
QR3	KTC3880S-Y	1 st MIXER(10.7MHZ)	K.E.C
QR4	KTC3880S-Y	2 nd MIXER(450KHZ)	K.E.C
QR5	KTC3880S-Y	AM IF AMP	K.E.C
QR6	KTC3880S-Y	AM IF AMP	K.E.C
QR7	KTA1504G	AM DET(ANL)	K.E.C
QT1	KTC3880S-Y	TX AMP	K.E.C
QT2	KTC3880S-Y	TX AMP	K.E.C
QT3	2SC 2314	TX DRIVER AMP	SANYO
QT4	2SC2078	TX FINAL AMP	SANYO

DIODE

REF.NO	DESCRIPTION	FUNCTION	MANUFACTURER
DL1	KDV251S	VCO	K.E.C
DL2	1N 4148	PTT	MAMI CHIP
DL3	KDS114	RX/TX CONTROL	K.E.C
DL4	KDS114	MIC B+ CONTROL	K.E.C
DB1	ZENER 9.1	POEWR SOURCE	K.E.C
DB2	KDS 184S	TX B+/ RX B+ CONTROL	K.E.C
DB3	KDS 184S	CPU VDD CONTROL	K.E.C
DR2	1N 4148	RF GAIN CONTROL	MAMI CHIP
DR5	KDS226	CB PROTECT FOR STRONG SIGNAL	K.E.C
DR3	IN60	AM DETECTOR	MAMI CHIP
DR4	KDS 184S	SIGNAL_LEVEL CONTROL	K.E.C
DR7	1N 4148	SQ CONTROL	MAMI CHIP
D17	1N 4004	PROTECT FOR REVERSE BATTERY	MAMI CHIP
DM1	1N4148	DET FOR ALC CONTROL	MAMI CHIP
DM2	1N4004	TX HIGH MOD SWITCHING	MAMI CHIP
LED1,2	LAMP PILOT	LCD BACK LIGHT LAMP	HONG EIC