

7. SEMICONDUCTORS AND FUNCTIONS

9-1. Transistor

Ref No.	Description	Manufacturer	Function
Q101	2SC4226	NEC	RX RF Amplifier
Q102	2SC4226	NEC	RX RF Amplifier
Q103	2SC4226	NEC	RX 1 st Mixer
Q104	2SC4226	NEC	RX 1 st Amplifier
Q201	2SC4226	NEC	TX Buffer Amplifier
Q202	2SC4226	NEC	TX Driver Amplifier
Q203	2SC3357	NEC	Power Amplifier
Q204	2SC3357	NEC	Power Amplifier
Q301	2SC4226	NEC	VCO Oscillator
Q302	2SC4226	NEC	VCO Rx/Tx Buffer Amplifier
Q303	DTC124TUA	ROHM	VCO Switching(RX)
Q501	DTA143ZUA	ROHM	B+ Control
Q502	DTA114EUA	ROHM	RF B+ Control
Q503	DTA123JUA	ROHM	TX B+ Control
Q504	DTA114EUA	ROHM	RX B+ Control
Q505	DTA123JUA	ROHM	AF IC B+ Control
Q506	DTC114TUA	ROHM	AF IC B+ Control
Q601	DTA124TUA	ROHM	MIC B+ Control
Q602	DTA124TUA	ROHM	AF Mute Control
Q603	DTC143EUA	ROHM	SQ Control
Q604	DTA124TUA	ROHM	SQ Control
Q901	DTC143ZUA	ROHM	LED ON
Q903	2SC4081	ROHM	VOX Control
Q904	2SC4081	ROHM	VOX Control
Q905	DTC143ZUA	ROHM	VOX Control

9-2. Integrated Circuit

Ref No.	Description	Manufacturer	Function
U1	DBL5018	DEAWOO	2 nd Mixer and Detector
U401	TB31202FN	TOSHIBA	PLL IC
U501	R1120N400B-TR	RICOH	Regulator
U601	BU4066BCFV	ROHM	Switching
U602	KA386BD	SAMSUNG	AF IC
U701	BAI0324AFV	ROHM	RX CTCSS Detector
U801	BAI0324AFV	ROHM	RX/TX AF Filter
U901	HD404889	HITACHI	CPU
U902	24WC02	CATALYST	EEPROM

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