

## Semiconductors and Active Devices

### Synthesizer

QP01	PLL Synthesizer	MB15A02	FUJITSU
QP02	Charge Pump Switch	2SC4081-S	ROHM
QP03	Charge Pump Switch	2SA1576	ROHM
QP04	Charge Pump Switch	DAN202U	ROHM
QP05	PLL LPF Switch	DA204U	ROHM
QP06	TX/RX Band Switch	DAN235E	ROHM

### VCO

QV01	Variable Capacitance Diode	1SV231	TOSHIBA
QV02	TX/RX Switch	1SS314	TOSHIBA
QV03	Modulation Diode	1SV214	TOSHIBA
QV04	VCO Oscillator	2SK508(K53)	NEC
QV05	Buffer Amplifier	2SC2619(FB)	HITACHI

### Receiver

QR01	Protector Diode	DA204U	ROHM
QR02	Protector Diode	DAP202U	ROHM
QR03	RF Amplifier	2SK508(K53)	NEC
QR04	RF Amplifier	2SK508(K53)	NEC
QR05	Local Buffer Amplifier	2SC2757	NEC
QF01	1st IF Amplifier	2SC2714(Y)	TOSHIBA
QF02	2nd IF/ Squelch/ FM-Detector IC	TK10487M(B)	TOKO
QF03	Noise Detector	MA714	MATSUSHITA
Q101	AF Mute	TC4S66F	TOSHIBA
Q102	AF Pre-amplifier	NJM2904M	JRC
Q103	Audio Control Switch	TC4053	TOSHIBA
Q104	1st, 2nd, MIC Switch	TC4W53F	TOSHIBA
Q107	MIC Amplifier / Limiter	NJM2100M	JRC
Q108	AF Volume Control IC	BH3532FS-E2	ROHM
Q109	AF Power Amplifier	LA4445	SANYO
Q110	1st, 2nd Speaker Mute Switch	UMG9	ROHM
Q111	AF Mute Switch	DTC124EU	ROHM
Q112	AF Mute Switch	DTC124EU	ROHM
Q301	WEATHER ALERT DECORDER	NJM2100M	JRC
Q302	DSC Filter	NJM2904M	JRC
Q303	DSC Filter	TA75S01F	TOSHIBA
Q304	FSK Decoder	NJM2211M	JRC
Q305	MIC Mute Switch	TC4S66F	TOSHIBA
Q306	1st, 2nd AF SW	TC4W53F	TOSHIBA
Q307	NMEA Decoder	PS2705-1	NEC
Q308	TX Detector Switch	DTC114TU	ROHM
Q310	MIC Mute Switch	TC4S66F	TOSHIBA
Q311	MIC Mute/Amplifier	M5203FP	MITSUBISHI
Q312	Protector	DAN202U	ROHM

YAESU MUSEN CO., LTD.

FCC ID: K66GX2350S

EXHIBIT #:     11

Transmitter

QT01	TX Buffer Amplifier	2SC2757	NEC
QT02	TX Driver Amplifier	2SC2954	NEC
QT03	6.8V Regulator	RD6.8EB1	NEC
QT04	TX Power Module	M57710-A	MITSUBISHI
QT05	Antenna Switch	UM9401	UNITROAD
QT06	RF Sens. Switch	DAN202U	ROHM
QT11	TX Power Detector	MA732	MATSUSHITA
QT12	TX Power Detector	MA732	MATSUSHITA
QT13	VSWR Switch	DAN202U	ROHM
QT17	APC Amplifier	2SB1185	ROHM
QT18	APC Amplifier	2SC2712(BL)	TOSHIBA
QT19	APC Amplifier	2SA1162(G)	TOSHIBA
QT21	Hi/Lo Control Switch	DAN202U	ROHM

Controller

QL01	Microprocessor	HD64F3062F	HITACHI
QL02	EEPROM	AT24C16N	ATMEL
QL03	LCD Driver	HD66712A00FS	HITACHI
QL04	LCD	LCD PANEL	BARDY
QL05	5V Regulator	L78M05T	SANYO
QL06	RESET IC	PST575D	MITUMI
QL07	LCD Contrast Driver	2SC2712	NEC
QL09	BEEP/ FOG SW	DAN222	ROHM
QL10	FOG BEEP SW	DAP222	ROHM
QL11	FOG BEEP CONT SW	DTA114YU	ROHM
QL12	LED	CL-190Y	CITIZEN
QL13	LED	CL-190Y	CITIZEN
QL14	LED	CL-190Y	CITIZEN
QL15	LED	CL-190Y	CITIZEN
QL18	LED Switch	DTC114YU	ROHM
QL19	LED Switch	DTC114YU	ROHM
QL20	LED	FY1101F	STANLAY
QL21	LED	FY1101F	STANLAY
QL28	LED Switch	DTC114YU	ROHM
QL29	LED Switch	DTC114YU	ROHM
QL30	IC/NORMAL SW	TC4S66F	TOSHIBA

Regulator

Q201	Power Control Switch	2SB1261Z	NEC
Q202	Power Control Switch	UMW1	ROHM
Q203	2nd MIC Power Switch	DTA124EU	ROHM
Q204	+5V Regulator	L78M05T	SANYO
Q205	+8V Regulator	NJM7808FA	JRC
Q206	RX 8V Switch	2SA1162	TOSHIBA
Q207	RX 8V Switch	DAN202U	ROHM
Q208	VCO 8V Switch	DTB113ZK	ROHM
Q209	TX 8V Switch	DTB113ZK	ROHM
Q210	8V Control Switch	UMG9	ROHM
Q211	TX/RX SWITCH	DTC114TU	ROHM
QT15	Reverse Voltage Protection	DSF10C	RECTRONIX
QT16	Reverse Voltage Protection	DSF10C	RECTRONIX