

FCC ID: ADV0602903

FUNCTION OF EACH SEMICONDUCTOR OR OTHER ACTIVE CIRCUIT DEVICE [2.983(6)]

1. Transistor, FET

Q1	DTA114EUA	SWITCHING
Q2	UMD2N	SWITCHING
Q3	2SC4094(R37) or 2SC4094(R38)	RF AMP
Q4	2SC4226(R25)	RF AMP
Q5	DTC114YUA or UN5214	SWITCHING
Q6	UMD2N	SWITCHING
Q7	2SC4094(R37) or 2SC4094(R38)	RF AMP
Q8	2SC4116(Y)	AGC AMP
Q9	2SC4250	2nd MIXER
Q10	2SC4215(O)	2nd IF AMP
Q11	2SC4116(GR)	AGC AMP
Q12	DTC114YUA or UN5214	SWITCHING
Q13	DTC114YUA or UN5214	SWITCHING
Q14	DTC114YUA or UN5214	SWITCHING
Q15	2SC4215(O) or 2SC4226(R25)	2nd IF AMP
Q16	2SC4215(O) or 2SC4226(R25)	2nd IF AMP
Q17	DTA114EUA	SWITCHING
Q18	DTC114YUA or UN5214	SWITCHING
Q19	2SC4226(R25)	SWITCHING
Q20	2SC4226(R25)	VCO 1
Q21	DTC114YUA or UN5214	SWITCHING
Q22	2SC4226(R25)	VCO 2
Q23	DTC114YUA or UN5214	SWITCHING
Q24	2SC4226(R25)	BUFFER VCO 1&2
Q25	2SC4116(GR)	LOW PASS FILTER
Q26	2SK880(Y)	LOW PASS FILTER
Q27	2SK880(Y)	LOW PASS FILTER
Q28	2SC4116(GR)	LOW PASS FILTER
Q29	2SC4251 or MT3S16U or KTC4082/P	VCO 3
Q30	2SC4250 or 2SC4251 or MT3S16U or KTC4082/P	BUFFER VCO 3
Q31	DTA114EUA	FILTER SWITCHING
Q32	2SD2150T100R	Muting
Q33	EMD12	SWITCHING
Q34	EMD12	SWITCHING
Q35	SSM3K101TU	SWITCHING
Q301	DTC114YUA	SWITCHING
Q302	2SA1577(Q)	LED DRIVER
Q303	2SA1577(Q)	LED DRIVER
Q304	NOT USED	
Q305	2SC4116(GR)	RESET SWITCH
Q306	NOT USED	LED DRIVER
Q307	NOT USED	LED DRIVER
Q308	SSM3K101TU	SWITCHING
Q309	SSM6J53FE	SWITCHING
Q310	SSM6J53FE	SWITCHING
Q311	DTC114YUA	SWITCHING
Q312	DTC114YUA	SWITCHING
Q313	2SC4117(GR)	SWITCHING
Q314	2SB1412	SWITCHING
Q315	2SC4116(GR)	SWITCHING
Q316	2SC4116(GR)	LED DRIVER
Q317	SSM6J53FE	POWER SWITCHING
Q318	SSM6J53FE	POWER SWITCHING
Q319	2SC4116(GR)	POWER SWITCHING

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2. IC

IC1	HD74AC164 or TC74VHC164	BAND SELECT/ATT.CONT.
IC2	uPC2757TB	1st MIXER
IC3	NJM2406	DETECTOR COMPARATOR
IC4	MB15F07SL	PLL
IC5	TK11819M	DC TO DC CONVERTOR
IC6	NJM2904M	COMPARATOR / NOISE AMP
IC7	TK10931V	3rd IF AMP / 3rd LO / 3rd MIX / NOISE AMP / QUADRATURE DETECTOR
IC8	NJM13403V	BUFFER/PRE AMP
IC9	TC74HC4066AFT	SWITCHING
IC10	TC4S66F	SWITCHING
IC11	TK11233CUCB	VOLTAGE REGULATOR
IC12	NJU7086FR3	AUDIO AMP
IC13	NOT USED	
IC14	TC4S66F	SWITCHING
IC301	M30626FHPGP#U5C (GRE-0602903)	CPU
IC302	S-1206B18-M3T1G	VOLTAGE REGULATOR
IC303	NOT USED	
IC304	BA033CC0FP	VOLTAGE REGULATOR
IC305	S-1206B14-M3T1G	VOLTAGE REGULATOR
IC306	TLV320AIC14KIDBTR	CODEC
IC307	S-1206B33-U3T1G	VOLTAGE REGULATOR
IC308	BD8311NUV	SW REGULATOR
IC309	TMS320VC5507PGE	DSP
IC310	PIC18F46J50I/PT	PIC MICON