

Active
circuit
devices

Item	Reference designator	Part number	Functions
1	U001	UPG152TA-E3	Switch
2	U011	LMC7101BIM5X	Differential amplifier for detector AGC
3	U021	UPC8119T	Amplifier RF
4	U022	LMC7101BIM5X	Differential amplifier measuring output
5	U023	LTC1044CS8	Switch capacitor voltage converter
6	U031	RMS-11F	UP & DOWN converter
7	U032	UPG152TA-E3	Switch
8	U041	UPG152TA-E3	Switch
9	U042	UPG152TA-E3	Switch
10	U051	MAX990EUA	Comparator
11	U052	MAX4129ESD	Constant current amplifier & integrating circuit
12	U053	SA626DK	Mixer FM IF System
13	U054	RF2617	Receive AGC amplifier
14	U061	MAX4129ESD	Constant current amplifier & integrating circuit
15	U062	AD607ARS	Mixer AGC RSSI
16	U063	RF2617	Receive AGC amplifier
17	U071	MAX4514EUK	Switch
18	U072	HPMX-2007	Modulator DSS, Mixser FH
19	U073	UPC2763T	Amplifier IF
20	U081	SA8025ADK	PLL 1 Local oscillator
21	U082	MQE602-1171	VCO 1 Local oscillator
22	U091	LMX2306TM	PLL 2 Local oscillator
23	U101	74LVX138MTC	Demultiplexer strobe
24	U102	74LV08PWDH	Quad 2-input AND gate
25	U103	TC7W14FU	Triple schmitt inverter
26	U104	MAX349EAP	8 chanel switch
27	U105	AD7303BRM	Analog to digital converter
28	U106	74LV595PW	Serial/parallel register
29	U107	74LV595PW	Serial/parallel register
30	U108	AD9832BRU	Modulator FH
31	U109	TC7W14FU	Triple schmitt inverter
32	U110	74LV165PWDH	Parallel/serial register
33	U111	AT93C46-10TI	Serial memory EEPROM
34	U121	MAX990EUA	Comparator
35	U122	74LVX00MTC	Quad 2-input NAND gate
36	U131	ADP3302AR1	Low dropout linear regulator
37	U132	ADP3302AR1	Low dropout linear regulator
38	U133	ADP3302AR1	Low dropout linear regulator
39	U134	ADP3302AR1	Low dropout linear regulator
40	U141	MAX999EUK-T	Comparator
41	Q001	MMBT3906WT1	Switch

42	Q002	MMBT3906WT1	Switch
43	Q011	ATF-36163	LNA
44	Q012	ATF-36163	LNA
45	Q021	AT-32011	Amplifier
46	Q022	MMBT3906WT1	Current stabilizer
47	Q023	ATF-21186-TR1	Amplifier
48	Q024	MMBT3906WT1	Current stabilizer
49	Q025	MMBT3904WT1	Switch
50	Q031	NE68033	Bidirectional amplifier
51	Q032	NE68033	Bidirectional amplifier
52	Q033	AT-32011	Amplifier
53	Q041	MMBR5179LT1	Buffer
54	Q042	MMBR5179LT1	Amplifier
55	Q051	MMBR5179LT1	Amplifier
56	Q061	MMBR5179LT1	VCO 2 Local oscillator