

FUNCTION OF DEVICES
MODEL DX-979

NO.	Reference NO.	Description	Function
1.	Q1	2SC1675L	Noise Blanker
2.	Q2	2SC1675L	Noise Blanker
3.	Q3	2SC945P	Noise Blanker
4.	Q4	2SC945P	Noise Blanker
5.	Q5	2SC945P	Noise Blanker
6.	Q6	2SA733P	Noise Blanker
7.	Q7	2SC945P	Noise Blanker
8.	Q8	2SC1674L	AM Mixer
9.	Q9	2SC1675L	AM 2 nd IF
10.	Q10	2SC1675L	AM 2 nd IF
11.	Q11	2SC1675L	AM 2 nd IF
12.	Q13	2SC945P	SSB Detector
13.	Q14	2SC945P	Meter Control
14.	Q15	2SC945P	Meter Control
15..	Q16	2SC945P	PROD Detector
16.	Q17	2SC1674L	RF Amplifier
17.	Q18	2SJ310	Mixer
18.	Q19	2SJ310	Mixer
19.	Q20	2SC1674L	SSB IF
20.	Q21	2SC1675L	SSB IF
21.	Q22	2SC1675L	SSB IF
22.	Q23	2SC1906	SSB IF
23.	Q24	DTC114ES	AM Detector
24.	Q25	2SC1675L	Reference Oscillator
25.	Q27	2SC1675L	Loop Oscillator
26.	Q28	2SC1675L	Loop Mixer
27.	Q29	2SC1675L	Buffer
28.	Q30	2SA1282	TX/RX SW
29.	Q31	2SC945P	TX/RX SW
30.	Q33	2SA1282	TX/RX SW
31.	Q34	2SC945P	MOD SW
32.	Q62	2SA1282	DIM Control
33.	Q35	2SC945P	Regulator
34.	Q36	DTC124ES	Squelch SW
35.	Q37	2SA1869	Regulator
36.	Q38	2SA733	MOD ALC
37.	Q39	2SC945P	MIC ALC

NO.	Reference NO.	Description	Function
38.	Q40	2SC945P	R.B Oscillator
39.	Q60	DTA124ES	PA SW
40.	Q42	2SC945P	AF SW
41.	Q43	DTC114ES	Talkback SW
42.	Q44	2SC945P	Squelch Control
43.	Q46	2SC1675L	Loop Oscillator
44.	Q47	2SC1969	TX Power
45.	Q49	2SC2166C	TX Driver
46.	Q50	2SC1675L	SSB ALC
47.	Q51	2SC2538	TX Driver
48.	Q52	2SC1906	TX Driver
49.	Q53	2SC945P	MOD Amplifier
50.	Q54	2SB754Y	MOD Amplifier
51.	Q55	2SA1869	MOD Amplifier
52.	Q56	2SC945P	MOD Amplifier
53.	Q57	2SC945P	MOD ALC
54.	IC1	LM324	RX AGC Circuit
55.	IC2	IC07A	VCO Circuit
56.	IC3	RCI-8719-99	PLL Circuit
57.	IC6	AN612	Balance Modulation
58.	IC7	BA4558	MIC Amplifier
59.	IC8	TA7222AP	AF Power Amplifier
60.	IC9	TDA6130	TX Mixer
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