

FUNCTION OF DEVICES
MODEL DX-929

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.	Q14	2SC945P	Meter Control
13.	Q16	2SC945P	PRE-Amplifier
14.	Q17	2SC1674L	RF Amplifier
15.	Q18	2SJ310	Mixer
16.	Q19	2SJ310	Mixer
17.	Q24	DTC114ES	AM Detector
18.	Q25	2SC1675L	Reference Oscillator
19.	Q27	2SC1675L	Loop Oscillator
20.	Q28	2SC1675L	Loop Mixer
21.	Q29	2SC1675L	Buffer
22.	Q30	2SA1282	TX/RX SW
23.	Q31	2SC945P	TX/RX SW
24.	Q33	2SA1282	TX/RX SW
25.	Q62	2SA1282	DIM Control
26.	Q35	2SC945P	Regulator
27.	Q36	DTC124ES	Squelch SW
28.	Q37	2SA1869	Regulator
29.	Q38	2SA733	MOD ALC
30.	Q39	2SC945P	MIC ALC
31.	Q40	2SC945P	R.B Oscillator
32.	Q60	DTA124ES	PA SW
33.	Q42	2SC945P	AF SW
34.	Q43	DTC114ES	Talkback SW

NO.	Reference NO.	Description	Function
35.	Q44	2SC945P	Squelch Control
36.	Q46	2SC1675L	Loop Oscillator
37.	Q47	2SC1969	TX Power
38.	Q49	2SC2166C	TX Driver
39.	Q51	2SC2538	TX Driver
40.	Q52	2SC1906	TX Driver
41.	Q53	2SC945P	MOD Amplifier
42.	Q54	2SB754Y	MOD Amplifier
43.	Q55	2SA1869	MOD Amplifier
44.	Q57	2SC945P	MOD ALC
45.	IC1	LM324	RX AGC Circuit
46.	IC2	IC07A	VCO Circuit
47.	IC3	RCI-8719-99	PLL Circuit
48.	IC7	BA4558	MIC Amplifier
49.	IC8	TA7222AP	AF Power Amplifier
50.	IC9	TDA6130	TX Mixer
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