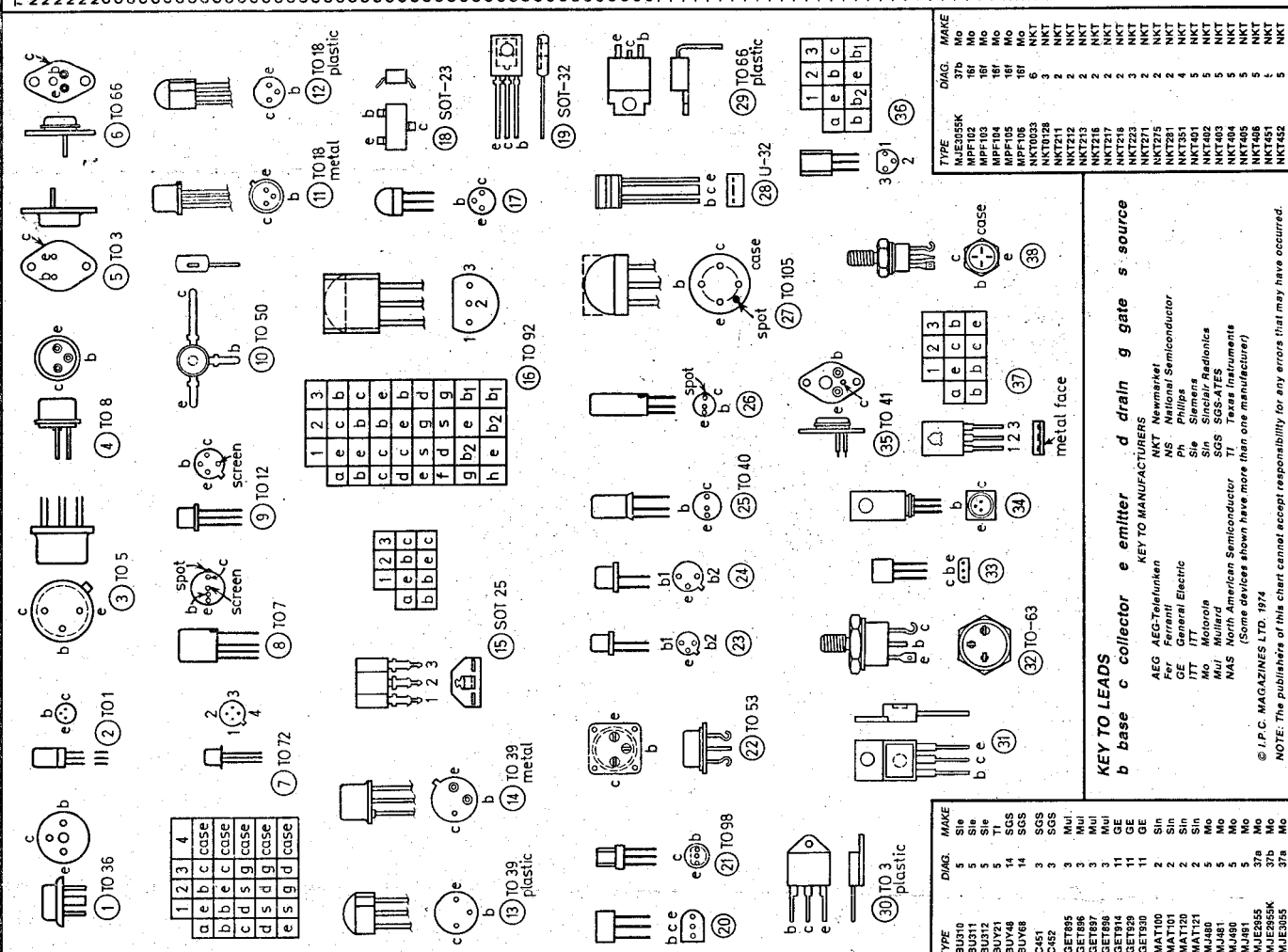




# SEMICONDUCTOR LEAD-OUT IDENTIFICATION CHART

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DIAG.	MAKE	TYPE	DIAG.	MAKE	TYPE	DIAG.	MAKE	TYPE	DIAG.	MAKE	TYPE
20	Mu	BC123	11	SGS	BF186	11	SGS	BF186	11	SGS	BF186
21	Mu	BC124	12	SGS	BF187	12	SGS	BF187	12	SGS	BF187
22	Mu	BC125	13	SGS	BF188	13	SGS	BF188	13	SGS	BF188
23	Mu	BC126	14	SGS	BF189	14	SGS	BF189	14	SGS	BF189
24	Mu	BC127	15	SGS	BF190	15	SGS	BF190	15	SGS	BF190
25	Mu	BC128	16	SGS	BF191	16	SGS	BF191	16	SGS	BF191
26	Mu	BC129	17	SGS	BF192	17	SGS	BF192	17	SGS	BF192
27	Mu	BC130	18	SGS	BF193	18	SGS	BF193	18	SGS	BF193
28	Mu	BC131	19	SGS	BF194	19	SGS	BF194	19	SGS	BF194
29	Mu	BC132	20	SGS	BF195	20	SGS	BF195	20	SGS	BF195
30	Mu	BC133	21	SGS	BF196	21	SGS	BF196	21	SGS	BF196
31	Mu	BC134	22	SGS	BF197	22	SGS	BF197	22	SGS	BF197
32	Mu	BC135	23	SGS	BF198	23	SGS	BF198	23	SGS	BF198
33	Mu	BC136	24	SGS	BF199	24	SGS	BF199	24	SGS	BF199
34	Mu	BC137	25	SGS	BF200	25	SGS	BF200	25	SGS	BF200
35	Mu	BC138	26	SGS	BF201	26	SGS	BF201	26	SGS	BF201
36	Mu	BC139	27	SGS	BF202	27	SGS	BF202	27	SGS	BF202
37	Mu	BC140	28	SGS	BF203	28	SGS	BF203	28	SGS	BF203
38	Mu	BC141	29	SGS	BF204	29	SGS	BF204	29	SGS	BF204
39	Mu	BC142	30	SGS	BF205	30	SGS	BF205	30	SGS	BF205
40	Mu	BC143	31	SGS	BF206	31	SGS	BF206	31	SGS	BF206
41	Mu	BC144	32	SGS	BF207	32	SGS	BF207	32	SGS	BF207
42	Mu	BC145	33	SGS	BF208	33	SGS	BF208	33	SGS	BF208
43	Mu	BC146	34	SGS	BF209	34	SGS	BF209	34	SGS	BF209
44	Mu	BC147	35	SGS	BF210	35	SGS	BF210	35	SGS	BF210
45	Mu	BC148	36	SGS	BF211	36	SGS	BF211	36	SGS	BF211
46	Mu	BC149	37	SGS	BF212	37	SGS	BF212	37	SGS	BF212
47	Mu	BC150	38	SGS	BF213	38	SGS	BF213	38	SGS	BF213
48	Mu	BC151	39	SGS	BF214	39	SGS	BF214	39	SGS	BF214
49	Mu	BC152	40	SGS	BF215	40	SGS	BF215	40	SGS	BF215
50	Mu	BC153	41	SGS	BF216	41	SGS	BF216	41	SGS	BF216
51	Mu	BC154	42	SGS	BF217	42	SGS	BF217	42	SGS	BF217
52	Mu	BC155	43	SGS	BF218	43	SGS	BF218	43	SGS	BF218
53	Mu	BC156	44	SGS	BF219	44	SGS	BF219	44	SGS	BF219
54	Mu	BC157	45	SGS	BF220	45	SGS	BF220	45	SGS	BF220
55	Mu	BC158	46	SGS	BF221	46	SGS	BF221	46	SGS	BF221
56	Mu	BC159	47	SGS	BF222	47	SGS	BF222	47	SGS	BF222
57	Mu	BC160	48	SGS	BF223	48	SGS	BF223	48	SGS	BF223
58	Mu	BC161	49	SGS	BF224	49	SGS	BF224	49	SGS	BF224
59	Mu	BC162	50	SGS	BF225	50	SGS	BF225	50	SGS	BF225
60	Mu	BC163	51	SGS	BF226	51	SGS	BF226	51	SGS	BF226
61	Mu	BC164	52	SGS	BF227	52	SGS	BF227	52	SGS	BF227
62	Mu	BC165	53	SGS	BF228	53	SGS	BF228	53	SGS	BF228
63	Mu	BC166	54	SGS	BF229	54	SGS	BF229	54	SGS	BF229
64	Mu	BC167	55	SGS	BF230	55	SGS	BF230	55	SGS	BF230
65	Mu	BC168	56	SGS	BF231	56	SGS	BF231	56	SGS	BF231
66	Mu	BC169	57	SGS	BF232	57	SGS	BF232	57	SGS	BF232
67	Mu	BC170	58	SGS	BF233	58	SGS	BF233	58	SGS	BF233
68	Mu	BC171	59	SGS	BF234	59	SGS	BF234	59	SGS	BF234
69	Mu	BC172	60	SGS	BF235	60	SGS	BF235	60	SGS	BF235

DIAG.	MAKE	TYPE
1	SGS	BF186
2	SGS	BF187
3	SGS	BF188
4	SGS	BF189
5	SGS	BF190
6	SGS	BF191
7	SGS	BF192
8	SGS	BF193
9	SGS	BF194
10	SGS	BF195
11	SGS	BF196
12	SGS	BF197
13	SGS	BF198
14	SGS	BF199
15	SGS	BF200
16	SGS	BF201
17	SGS	BF202
18	SGS	BF203
19	SGS	BF204
20	SGS	BF205
21	SGS	BF206
22	SGS	BF207
23	SGS	BF208
24	SGS	BF209
25	SGS	BF210
26	SGS	BF211
27	SGS	BF212
28	SGS	BF213
29	SGS	BF214
30	SGS	BF215
31	SGS	BF216
32	SGS	BF217
33	SGS	BF218
34	SGS	BF219
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36	SGS	BF221
37	SGS	BF222
38	SGS	BF223
39	SGS	BF224
40	SGS	BF225
41	SGS	BF226
42	SGS	BF227
43	SGS	BF228
44	SGS	BF229
45	SGS	BF230
46	SGS	BF231
47	SGS	BF232
48	SGS	BF233
49	SGS	BF234
50	SGS	BF235

**KEY TO LEADS**  
**b** base **c** collector **e** emitter **d** drain **g** gate **s** source

**KEY TO MANUFACTURERS**  
 AEG AEG-Teltron  
 GE General Electric  
 IIT IIT  
 Mo Motorola  
 Mull Mullard  
 NAS North American Semiconductor  
 SGS SGS-ATES  
 Sinc Sincclair Radionics  
 SPS SPS  
 TI Texas Instruments  
 Philips Philips  
 Siemens Siemens  
 Newmark Newmark  
 Philips Philips  
 Sinc Sincclair Radionics  
 SGS SGS-ATES  
 Sinc Sincclair Radionics  
 TI Texas Instruments  
 Philips Philips  
 Siemens Siemens

(Some devices shown have more than one manufacturer)

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NOTE: The publishers of this chart cannot accept responsibility for any errors that may have occurred.