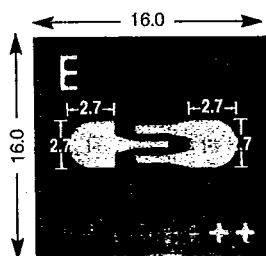


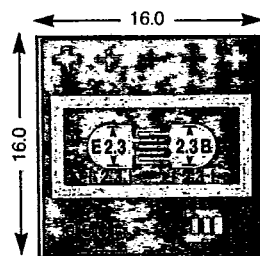
		$I_C$ Max.		BV <sub>CEO</sub> Range		BV <sub>EBO</sub> Range		Low Current H <sub>FE</sub>		Mid-Range H <sub>FE</sub>			High Current H <sub>FE</sub>		
Geom.	Pol.	A	Use Code	From (V)	To (V)	From (V)	To (V)	@ I <sub>C</sub> mA	Min.	@ I <sub>C</sub> mA	Min.	Max.	@ I <sub>C</sub> mA	Min.	@ I <sub>C</sub> mA
0003	NPN	.050	2	10	25	4	6	0.1	30	10	40	300	30	25	10
0006	PNP	.050	2,3,8	10	40	4	6	0.1	20	2	20	140			2
0011	NPN	.040	4,3,8	20	40	3	6	.01	15	2	30	250	20	20	2
0013	NPN	.050	4,3	20	60	3	7	.10	20	2	30	275	20	20	10
0014	PNP	.030	2	10	25	4	6	0.1	20	10	30	120	30	20	10
0054	PNP	.100	5	200	350	7	10	0.01	20	1	40	400	10	40	10
0120	PNP	.050	4,3	30	100	6	9	.001	40	.01	50	600	1.0	100	1.0
0207	NPN	.050	4,3	30	100	6	10	.001	40	.01	50	1000	1.0	100	1.0
0400	NPN	.800	1	30	80	5	8	0.1	30	150	40	350	500	30	500
0540	NPN	.400	5	200	450	6	12	0.1	5	10	10	50	50	10	100
0600	PNP	.600	1	30	80	5	8	0.1	30	150	40	350	500	30	500
10XX	NPN	3	1,5	60	350	6	10	10	25	1.5A	30	200	3A	15	1.5A
22XX	NPN	70	5,6	60	500	6	12	10A	40	50A	20	60	60A	10	70A
31XX	NPN	20	6	60	120	6	12	500	20	5A	30	200	10A	15	10A
3331	NPN	150	5,6	60	400	6	14	5A	30	25A	20	80	100A	10	50A
35XX	NPN	10	7	60	150	6	18	100	500	2A	1000	20000	5A	50	5A
41XX	PNP	20	6	60	120	6	10	500	20	5A	30	200	10A	15	10A
4201	PNP	50	6	60	140	6	10	5A	40	25A	20	80	50A	10	50A
55XX	NPN	1	1	60	175	6	10	0.1	25	150	40	400	1A	10	150
65XX	PNP	1	1	60	150	6	9	0.1	25	150	40	400	1A	10	150
7200	NPN	5	1	60	175	6	10	10	25	1A	30	200	2A	15	1A
7500	PNP	5	1	60	150	6	9	10	25	1A	30	200	2A	15	1A
92XX	NPN	10	6	60	140	6	10	100	30	2A	40	200	5A	30	5A
9231	NPN	10	5	200	300	6	10	100	30	2A	25	120	5A	15	2A
93XX	NPN	10	6	60	140	6	10	100	30	2A	40	200	5A	30	5A
9331	NPN	10	5	200	300	6	10	100	30	2A	25	120	5A	15	2A
97XX	PNP	10	6	60	140	6	9	100	30	2A	40	200	5A	20	5A
98XX	PNP	10	6	60	140	6	9	100	30	2A	40	200	5A	20	5A

- Use Codes:
- |                                  |                                |          |
|----------------------------------|--------------------------------|----------|
| 1. General Purpose Amp. - Switch | 4. Low Current, High Gain Amp. | 7. Darli |
| 2. VHF/UHF Amp.                  | 5. High Voltage Amp. - Switch  | 8. RF A  |
| 3. Low Noise                     | 6. High Power Amp - Switch     |          |

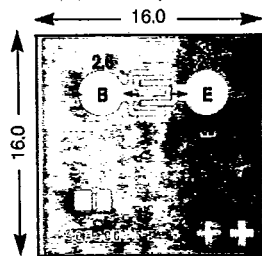
V <sub>CE(sat)</sub>		Typ	Typ	Typ	E <sub>Sb</sub> (mJ)
@ I <sub>B</sub> mA	Max. (V)	f <sub>T</sub> (MHz)	C <sub>ib</sub> @.5V (pF)	C <sub>ob</sub> @10V (pF)	
1.0	.20	1600	.85	1.2	—
0.2	.20	1300	1.1	.8	—
.2	.2	1200	1.2	1.6	—
1.0	.2	1000	1.2	1.5	—
1.0	.30	1800	1.5	1.5	—
1.0	.50	—	18	7.0	—
0.1	0.3	200	5.0	1.8	—
0.1	0.3	200	4.0	2.5	—
50	0.8	300	23	5.0	—
2.0	1.0	—	63	7.5	—
50	1.3	250	20	7.0	—
150	.25	80	—	45	—
14A	1.5	40	—	400	400
1A	1.0	—	—	200	150
5A	0.7	10	—	700	400
10	1.5	50	—	20	—
1A	1.0	—	—	400	150
10A	1.5	40	—	800	250
15	.20	150	70	8.0	—
15	.20	200	55	14	—
100	.30	100	320	30	—
100	.35	100	300	60	—
500	.40	80	1000	100	30
200	.40	80	1000	45	15
500	.40	80	1000	100	30
200	.40	80	1000	45	15
500	.80	60	1000	200	20
500	.80	60	1000	200	20



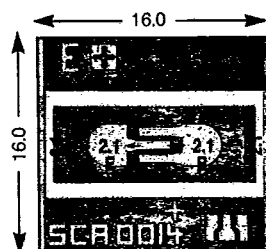
0003/0013



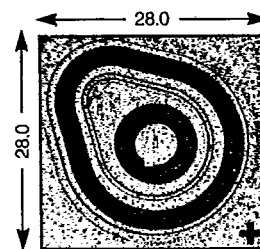
0006



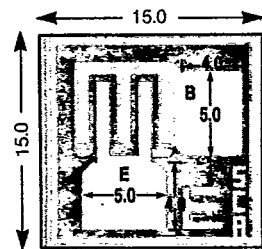
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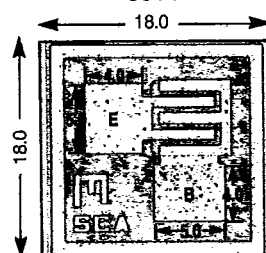
0014



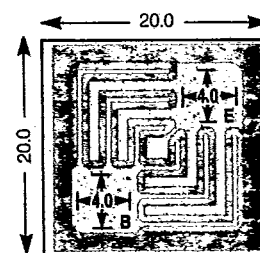
0054



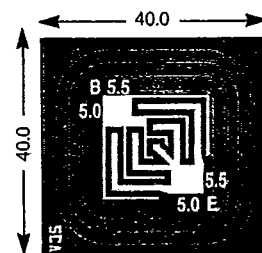
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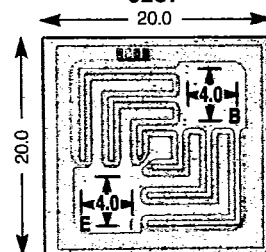
0207



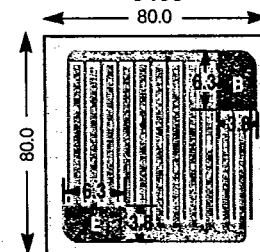
0400



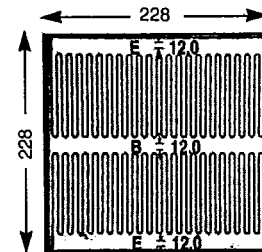
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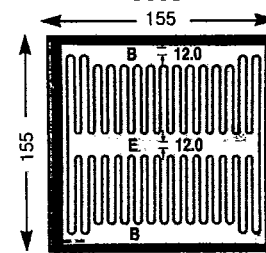
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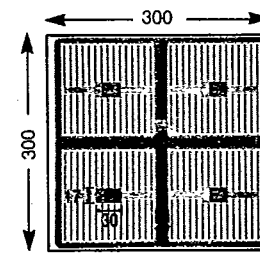
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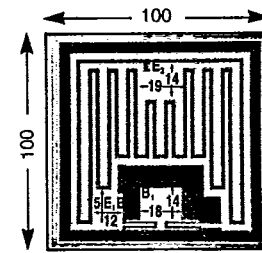
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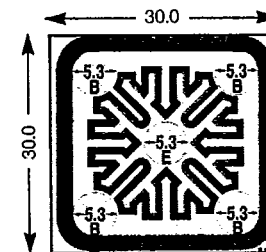
31XX/41XX



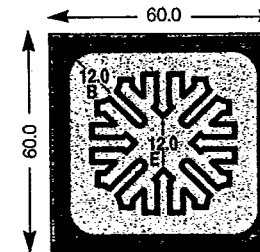
3331



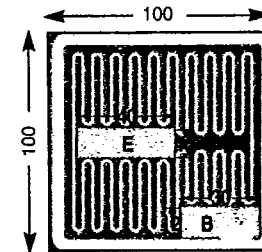
35XX



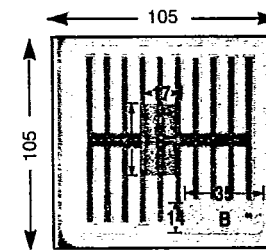
55XX/65XX



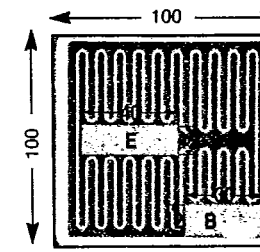
7200/7500



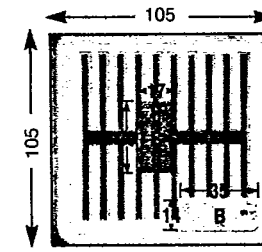
92XX/9231



93XX/9331



97XX



98XX

## POPULAR 2N NUMBERS AVAILABLE IN CHIP FORM

Chips with special electrical requirements and additional 2N numbers are available.

DEVICE	GEOM.	DEVICE	GEOM.	DEVICE	GEOM.	DEVICE	GEOM.	DEVICE	GEOM.
2N918	0013	2N3636	6520	2N5004	9202/9302	2N5663	1031	2N6274	2215
2N930	0207	2N3637	6520	2N5005	9701/9801	2N5664	9221/9321	2N6275	2215
2N1132	0600	2N3700	5500	2N5008	3101	2N5665	9231/9331	2N6277	2215
2N1613	5500	2N3701	5500	2N5009	4101	2N5666	9221/9321	2N6279	2215
2N1711	5500	2N3720	7500	2N5038	3101	2N5667	9231/9331	2N6281	2215
2N1717	5500	2N3729	0400	2N5039	3101	2N5671	2212	2N6303	7500
2N1722	3101	2N3742	0540	2N5077	9231/9331	2N5672	2212	2N6323	3331
2N1724	3101	2N3743	0540	2N5085	9200/9300	2N5677	4101	2N6324	3331
2N1727	3101	2N3749	9200/9300	2N5149	7500	2N5678	4201	2N6325	3331
2N2060	5500	2N3772	2212	2N5150	7200	2N5729	9200/9300	2N6338	3101
2N2151	9200/9300	2N3798	0120	2N5151	9700/9800	2N5730	9200/9300	2N6341	3115
2N2219A	0400	2N3799	0120	2N5152	9201/9301	2N5733	2201	2N6350	3515
2N2221A	0400	2N3810	0120	2N5153	9700/9800	2N5734	3101	2N6351	3515
2N2222A	0400	2N3811	0120	2N5154	9201/9301	2N5742	4101	2N6352	3515
2N2484	0207	2N3867	7500	2N5218	3120	2N5744	4101	2N6353	3515
2N2599	0120	2N3868	7500	2N5237	3111	2N5829	0006	2N6354	3101
2N2605	0120	2N3930	0054	2N5238	3121	2N5853	4101	2N6378	4201
2N2657	9200/9300	2N3931	0054	2N5287	9700/9800	2N5854	3101	2N6379	4201
2N2658	9200/9300	2N3960	0003	2N5289	3101	2N5939	9205/9305	2N6381	4201
2N2708	0013	2N3996	9201/9301	2N5291	4101	2N5940	9205/9305	2N6382	4201
2N2814	3101	2N3997	9201/9301	2N5321	5500	2N5957	3101	2N6436	4102
2N2857	0011	2N3998	9201/9301	2N5323	6500	2N5958	4101	2N6437	4102
2N2880	9201/9301	2N3999	9201/9301	2N5330	2201	2N5959	3101	2N6438	4102
2N2890	1001	2N4016	0600	2N5333	7500	2N5960	4101	2N6480	3105
2N2891	1001	2N4025	0120	2N5336	9200/9300	2N5969	4201	2N6496	3101
2N2906A	0600	2N4029	6500	2N5337	9200/9300	2N6032	2212	2N6550	2251
2N2907A	0600	2N4033	6500	2N5338	9200/9300	2N6033	2212	2N6551	2231
2N2919	0207	2N4036	6500	2N5339	9200/9300	2N6046	2201	2N6560	2251
2N2920	0207	2N4070	9200/9300	2N5349	9200/9300	2N6047	2201	2N6561	2231
2N2990	7200	2N4080	0014	2N5386	4101	2N6048	2201	2N6562	2251
2N3019	5500	2N4104	0207	2N5387	2232	2N6060	2201	2N6563	2231
2N3057A	5500	2N4115	9201/9301	2N5389	2232	2N6061	4201	2N6579	3131
2N3263	2201	2N4116	9201/9301	2N5390	3500	2N6062	2201	2N6580	3141
2N3265	2201	2N4150	3101	2N5426	3500	2N6063	4201	2N6582	3131
2N3410	0400	2N4236	7500	2N5429	9200/9300	2N6127	4101	2N6583	3141
2N3418	9201/9301	2N4239	7200	2N5430	9200/9300	2N6128	3101	2N6655	2241
2N3419	9201/9301	2N4261	0014	2N5487	9200/9300	2N6184	9700/9800	2N6671	2241
2N3420	9201/9301	2N4300	7200	2N5488	9200/9300	2N6185	9700/9800	2N6672	2241
2N3421	9201/9301	2N4357	0054	2N5531	7200	2N6186	9700/9800	2N6673	2241
2N3439	0540	2N4358	0054	2N5534	9201/9301	2N6187	9700/9800	2N6674	2242
2N3440	0540	2N4405	6500	2N5538	3101	2N6188	9700/9800	2N6675	2242
2N3478	0013	2N4407	6500	2N5539	2215	2N6189	9700/9800	2N6676	2241
2N3485A	0600	2N4863	7200	2N5540	3141	2N6190	9700/9800	2N6677	2241
2N3486A	0600	2N4897	1001	2N5552	9200/9300	2N6192	9700/9800	2N6678	2251
2N3498	5500	2N4930	0054	2N5581	0400	2N6193	9700/9800	2N6686	2232
2N3499	5500	2N4931	0054	2N5582	0400	2N6215	2201	2N6687	2232
2N3500	5520	2N4957	0006	2N5584	2221	2N6217	3122	2N6688	2232
2N3501	5520	2N5000	7200	2N5659	9201/9301	2N6232	9201/9301	2N6691	2241
2N3551	2201	2N5001	7500	2N5560	1031	2N6271	2202	2N6692	2241
2N3634	6520	2N5002	9202/9302	2N5561	1031	2N6272	2202	2N6693	2251
2N3635	6520	2N5003	9701/9801	2N5662	1031				