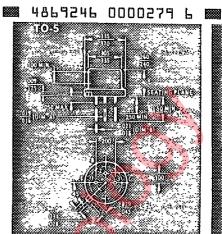
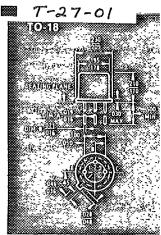
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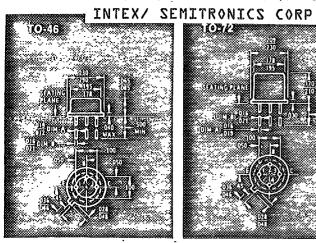
## metal can transistors

silicon small signal transistors





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		Package	Maximum Ratings				Electrical Characteristics @ 25 C											
Device	Type		PD	VCB	VCE	VEB	hre	VCE (Sat) @ IC/IB		C <sub>cb</sub>	Cob	f1	ton	toff	Power Gain @ f		N	F@f
	1		Ambient mW	Volu	Volts	Volts	Min/Max	Volts	mA/mA	pF	pF	MHz	ns	ns	dB	MHz	dB	MHz
L	L	L		l				L		Max	Мах	Min	Max	Max	ffin	L	Max	
2N497		TO - 5	800	60 100	60	8	12/36	5.0	200/40	-	201	401	-	-	-	-	-	
2N 498 2N 656	NPN NPN	TO-5 TO-5	800 800	100 60	100 60	8 8	12/36 30/90	5.0 5.0	200/40 200/40	2	20t 20t	40t 40t		-	~	-	-	-
21657	NPN	10.5	800	100	100	8	30/90	5.0	200/40	Ę.	201	401	-	-	-	-	-	-
28695	NPN ·	10.5	600	60	40°	5	20/60	1.5	150/15	-	35	40	-		-	-	-	-
28697	NPN	TO - 5	600	60	40°	5	40/120	1.5	150/150	74	35	50	-		_	-	_	_
2N698 2N699	NPN NPN	TO-5 TO-5	600 800	120 120	60	7	20/60	5.0	150/15		15	40	**	-	-	_	_	_
2N699A	NPN	TQ • 5	800	120	80° 80°	5 5	40/120 49/120	5.0 5.0	150/15 150/15	-	20 20	50 50			-	-	-	-
2N6998	NPN	TO - 5	800	120	80	ž	40/120	5.0	150/15		15	60	-	-	-	-	-	-
211705	NPN	TO · 18	300	25	20 <b>*</b>	3	20/	0.2	10/1	_	6	200	40t	75t	-			
2N706A	NPN	TO - 18	300	25	15	5	20/60	0.2	10/1		5	200	<b>4</b> 0	75	-	-	-	-
2N7068 2N706C	NPN NPN	TO 18 TO 18	300 360	25 40	15 15	5 5	20/60	0.2	10/1	-	5	200	40	75	-	-	+-	-
28708		TO · 18	360	40 40	15	э 5	20/60 30/120	0.3 0.3	30/3	_	5 6	200 300	40 35	75 65	-	-	-	-
2N718	NPN	TA . 19	400	¢0.	440	r					-							-
2N718 2N718A		TO · 18 TO · 18	400 500	60 75	40° 50°	5 7	40/120 40/120	1.5 1.5	150/15 150/15	-	35 25	50 60	-	-	-	-		-
2N719	NPN	TO • 18	400	120	80°	5	20/60	5.0	150/15	-	20	40	-	-	-	_	-	-
2N720 2N720A	NPN	TO - 18 TO - 18	400	120	80*	5	40/120	5.0	150/15	-	20	50	-	-	-	-	-	-
41074074	147.04	10.10	500	120	80°	1	40/120	5.0	150/15	-	15	50	-	-	-	-	-	-
211721		TO - 18	400	50	35	5	20/45	1.5	150/15	-	45	50	-	-	-	-	-	_
2N722 2N730	PNP NPN	TQ · 18 TO · 18	400 500	50 60	35 40°	5	30/90 20/60	1.5 1.5	150/15 150/15	-	45 35	50 40		-	-	-	-	-
28731	NPN	TO · 18	500	60	40*	5	40/120	1.5	150/15	-	39 35	4U 50	-	-	-	-	-	-
2N743	NPN	TO <u>-</u> 18	300	20	12	5	20/60	0.6	100/10	-+	6	400	16	24	-	-	-	-
2N743A		TO • 18	360	40	15	5	20/60	0.6	100/10	-	5	500	12	15	-	_	_	
2N744		TO · 18	300	20	12	5	40/120	0.6	100/10	-	4	400	16	24	-	-	-	-
2N744A 2N760		TO • 18 TO • 18	360 500	40 45	15 45	5 8	40/120 76/333	0.6 1.0	100/10 10/1.0	-	5 8	500 50	-	-	-	-	-	~
2N760A		TO - 18	500	60	60	8	76/333	1.0	10/1.0	-	8	50 50	-	-	-	-	-	-
2N783	NPN	TO · 18	300	40	20°	5	20/80	0,25	10/1.0	_	3.!	200	18	90				
2N784	NPN	TO · 18 4	300	30	15°	5	20/	0.16	10/1.0	-	3.: 3.!	200	10	30 40	-	-	_	-
2N784A 2N834		TO - 18 TO - 18	350 300	40 40	20* 30*	5	25/150	0,19	10/1.0	-	3.	300	20	40	-	-	-	_
2N834A		TO - 18	300	40 40	30*	5 5	25/ 25/	0.4 0.4	50/5 50/5	-	4	350 500	35 35	75 75	-	-		-
28835	МОМ	TO. 19	200	25							-						-	-
218835 218859		TO • 18 T <b>O •</b> 18	300 1200	25 25	20 18	5 5	20/ 20/	0.3	10/1.0	-	4	300 100	20	35 18	-	-	-	-
2N869A	PNP	TO - 18	360	25	18	5	40/120	0.5	100/10	-	6	400	50	80	-	-	_	-
2N870 2N871		TO - 18 TO - 18	500 500	100 100	60 60	77	40/120 100/300	5.0 6.0	150/15	-	15 15	50 60	-	-	-	-	-	-
				100	00	,	100/300	5.0	150/15	-	15	60	-	-	-	-	-	
28910 28911		TO - 18 TO - 18	500 600	100	60 60	7	75/	1.2	50/5	-	15	60	-	-	-	-	_	-
28912		TO - 18	500 500	100 100	60 60	7	35/ 15/	1.2 1.2	5/5 50/5	_	15 15	50 40	-	-	-	-	-	-
21915		TO · 18	360	70	50	5	50/200	-	-	-	3.5	250	-	-	10t	100	2	1.0
2N916	NPN	TO · 18	360	45	25	5	50/200	_	-	_	6.0	300	_	_	<b>*</b> 0+	100	•	
2N917	NPN	TO · 72	200	30	15	3	20/200	-	_	-	1.7	500	_	-	10t 9	100 200	2 6	1.0 60.0
2N917A 2H918		TO · 72 TO · 72	200 200	30 30	15 15	3 3	20/200 20/	-	-	-	1.7	600	-	-	15	200	6	60.0
28929		TO · 18	300	45	45	3 5	20/ 40/120	1.0	10/0.5	_	1,7 8	600 30	_	-	15	200	6 4	60.0 15.7 kHz
2N929A	NPN	TO · 18	500	£Ő.	AF	e					-							
28930		TO • 18	300	60 45	45 45	6 5	40/120 100/300	0.5 1.0	10/0.5 10/0.5	-	6 8	45 30	-	_	-	-	4 3	15.7 kHz
2N930A	NPN	TO · 18	500	60	45	6	100/300	0.5	10/0.5	-	6	45	-	-	-	-	4	15.7 kHz (1.0 kHz
2N9308 2N956		70 • 18 70 • 18	500 500	60 75	45 50°	6 7	100/300	0.5	10/0.5	-	6 28	45	-	-	-	-	3	15.7 kHz
2N957		TO - 18	250	75 40	90" 20	/ 5	100/390 45/-	1.5	150/15	-	25 6 0	70 200	-	-	-	-	-	-
2N1131	PNP	T0 · 5	600	50	35	5	20/45	1.5	150/15	-	6.0 45	200 50	-		101	100	75	200
2N1132 2N1420	PNP NPN	TO · 5 TO · 5	600 600	50 60	35 30°	5 5	30/90 100/300	1.5	150/15	-	45	50	-			-	-	-
2N 1507	NPN		600	60	30*	5 5	100/300 100/300	1.5 1.5	150/15 150/15	-	35 35	50 50	-	-	-	-	-	-



## 27E D HAL9246 0000280 2 M 7-27-0/ Semitron hot line TOLL FREE NUMBER 800-777-3960

metal can transistors cont'd silicon small signal transistors

<b></b>	ľ		Ma	Maximum Ratings			Electrical Characteristics @ 25 C											
Øevice	Type	Package	PD		T., 1	Π.,		V <sub>CE</sub> (S	at) @ Ic/IB	C <sub>cb</sub>	Cob	fi	ton	TOFE	Power	Gaın @ f	NF@I	
			Ambient mW	V <sub>CB</sub> Volts	V <sub>CE</sub> Volts	V <sub>EB</sub> Volts	hfe Min/Max	Volts	mA/mA	рF Мах	pF Max	MHz Min	ns Max	ns Max	dB Min	MH2	dB Max	MHz
2N1613	NPN	TO · 5	800	75	50*	7	40/120	1.5	150/15	-	25	60	-	-	-	-	·	_
2N1613A	NPN	10.5	1000	75	50*	7	40/120	1	150/15		25	60	-		-	-	-	-
2N1613B 2N1711	NPN NPN	TO - 5 TO - 5	1000 800	120 75	50 50*	77	40/120 100/300	0.2 1.5	150/15	-	10 25	60 70	-	-	-	-	-	-
2N1711A	NPN	TO - 5	1000	75	50*	<i>i</i>	100/300	1	150/15 150/15	-	25	70	_	-	-	-	-	-
				_														
2N17118	NPN	TQ - 5	1000	120	50	7	100/300	0.2	150/15	-	10	70	-		-	•_	-	-
2N 1889 2N 1890	NPN NPN	TO - 5 TO - 5	800 800	100 100	60 60	7	40/120 100/300	5 5	150/15	-	15 15	50 60	_	-	-	-	-	-
2N1893	NPN	TO - 5	800	120	80	7	40/120	5	150/15 150/15	-	15	50	-		. <u>-</u>	-	-	-
2N 1893A	NPN	TO · 5	800	140	80	7	-40/120	2	150/15	-	8	100	-		-	-	-	-
2N 1990	NPN	TØ - 5	600	100		3	20/-	0.5	2/0.2	-	20	40	-	-	-	-	-	-
2N2102	NPN	TO · 5	1000	120	65	7	40/120	0.5	150/15	+	15	60	-	_		_	-	-
2N2102A	NPN	TO · 5	1000	120	65	7	40/120	0.3	150/15	-	15	60	-	-	-	-	-	-
2N2192 2N2192A	NPN NPN	TO-5 TO-5	800	60	40	5	100/300	0.35	150/15	-	20	50	-	-	-	-	-	-
2142 192A	MP N	10.5	800	60	40	5	100/300	0.25	150/15	-	20	50	-	-	-	-	-	-
2N21928	NPN	TO - 5	800	60	40	5	100/300	0.18	150/15	-	20	50		-	-	-	-	-
2N2193 2N2193A	NPN NPN	TO-5 TO-5	800 800	80 80	50 50	8 8	40/120 40/120	0.35 0.25	150/15	-	20	50	-	-		-	-	-
2N2193B	NPN	TO 5	800	80	50	8	40/120	0.18	150/15 150/15	Ξ	20 20	50 50	_	-	-	-	-	-
2N2194	NPN	TO 5	800	60	40	5	20/60	0.35	150/15	-	20	50		-	-	-	-	-
2N2194A	NPN	TO - 5	800	60	40	5	20/60	0.25	150/15	_	20	50	_	_	~	-	-	_
2N2194B	NPN	TO - 5	800	60	40	5	20/60	0.18	150/15	_	20	50		-	-	-	-	-
2N2195	NPN	10.5	800	45	25	5	20/-	0.35	150/15	-	20	50	-	-	-	-	-	-
2N2195A 2N21958	NPN NPN	TO-5 TO-5	800 800	45 45	25 25	5 5	20/ 20/-	0.25 0.18	150/15	-	20 20	50 50	-	-	-	-	~	-
		10.3	000	75	20	5	201	0.10	150/15	-	20	20	-	-	•-	-	-	
2N2205	NPN	TÖ - 18	300	25	12	3	20/-	0.35	50/5	+	6	200	40	75	-	-	-	-
2N2217	NPN	TO 5	800	60	30	5	20/60	0.4	150/15	-	8	250	351	2851	-	-	-	
2N2218 2N2218A	NPN NPN	TO-5 TO 5	800 800	60 75	30 40	5 6	40/120 40/120	1.6 1.6	500/50 500/50	-	8 8	250 250	35 t 35	2851 285	-	-	-	-
2N2219	NPN	TO 5	800	60	30	5	100/300	1.6	500/50	-	8	250	35t	285t	-	-	-	-
2N2249A	NPN	TO 5	800	75	40	6	100/300	1.6	500/50		8	300	35	285		_	-	
2N2220	NPN	TO 18	500	60	30	5	20/60	0.4	150/15	-	8	250	35t	2851	-	-	-	-
2N2221	NPN	TO 18	500	60	30	5	40/120	1.6	500/50	-	8	250	351	2851		-	_	~
2N2221A	NPN	10 18	500	75	40	6	40/120	1.6	500/50	-	8	250	35	285		-		-
2N2222	NPN	TO 18	500	60	30	5	100/300	1.6	500/50	-	8	250	35 t	285 t	-	-	-	-
2N2222A	NPN	TO 18	500	75	40	6	100/300	1.6	500/50	_	8	300	35	285	-	-		~
2N2236	NPN	TO 5	600	40	20	6	15/60	0.25	100/20	-	35	501	30	600	-	-	-	-
2N2237	NPN	TO 5	600	40	20	6	40/125	0.25	100/20	-	35	50	25	600	••	-	-	-
2N2243 2N2243A	NPN NPN	TO 5 TO 5	800 800	120 120	80 80	7	40/120 40/120	0.35 0.25	150/15 150/15	_	15 15	50 50	-	-	-	_	_	-
211227351			000		30	•		0.20	130/13	-	10		-	-	-	-	÷	~
2N2270	NPN	TO 5	1000	60	45	7	50/200	0.9	150/15	-	15	100	~	-	-	-	-	-
2N2297	NPN	TO 5	800	80	35	7	40/120	0.2	150/15	-	12	60	-	-	-	-	-	-
2N2303 2N2309	PNP NPN	TO 5 TO 5	600 600	50 30	35 30	5 5	75/200 25/125	1.5	150/15	-	45	50	-	-	-	~	-	-
2N2309 2N2310	NPN	TO 46	350	60	60 60	5 8	12/36	5	200/40	-	25 20†	40† 40†	-	-	-	-	-	-
2N2311	NPN	TO-46	350	100	100	8	12/36	5	200/40		20†	40 t	_	_	_	_	_	-
2N2312	NPN	TO 46	350	60	60	8	30/90	5	200/40	_	201	401	-	-	_	_	_	_
2NZ313	NPN	TO 46			100	8	30/90	5	200/40	-	201	401	÷	-			-	-
2N2314	NPN	TO 46	350	60	40*	5	20/60	5	150/15	-	35	40	-	-	-	-	-	-
2N2315	NPN	TO - 46	350	60	40*	5	40/120	1.5	150/15	-	35	50	-	-	-	-	-	-
2N2316 2N2317		TO 46 TO 46	350 350	120 75	80° 50°	5	40/120	5.0	150/15	•	20	50	-	-	-	-	-	-
2N2350		TO - 46	400	60	40	7 5	40/120 100/300	1.5 0.35	150/15 150/15		25 20	60 50	-	-	-	-	-	-
2N2350A		TO 46	400	60	40	5	100/300	0.35	150/15		20	50 50	_	-	-	-	-	-
ZN2351		TO 46	400	80	50	8	40/120	0.35	150/15		20	50	-	-	-	-	_	_

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SEMICONDUCTORS

aiscrete devices

Semitronics Corp.

#### metal can transistors cont'd

silicon small signal transistors

				Ma	Maximum Ratings		s	Electrical Characteristics @ 25 C											
Device	Type	Package	PD	V <sub>CB</sub>	VCE	Ven	her	V <sub>CE</sub> (S	at) @ I <sub>C</sub> /I <sub>B</sub>	C <sub>cb</sub>	C <sub>ob</sub>	1	ton	1OF F	Power	Gain @ f	NF	@1	
				Ambient mW	Volts	VOE Volts	V <sub>EB</sub> Volts	hfe Min/Max	Volts	mA/mA	pF Max	pF Max	MHz Min	ns Max	iis Max	dB Mın	MH2	dB Max	MH2
2N23		NPN	TO 46	400	80	50	8	40/120	0.25	150/15		20	50	-	-	-	_	-	•
2N23! 2N23!		NPN NPN	TO-46 TO-46	400 400	60 60	40 40	5 5	20/60 20/60	0.35 0.25	150/15 150/15	-	20	50	-	-	-	-	-	-
2N23	53	NPN	TO - 46	350	45	25	5	20/-	0.25	150/15		20 20	50 50	_	-	-	-	-	-
2N23		NPN	TO-46	350	45	25	5	20/-	0.25	150/15	•	20	50	-	-	-	-	-	-
2N236 .2N236			TO - 46 TO - 46	400 400	120 120	80 80	7	40/120	0.35	150/15		15	50	-	-	-	-	-	-
2N236	8	NPN	TO - 18	360	40	15	4.5	40/120 20/60	0.25 0.6	150/15 100/10	-	15 4	50 400	12	15	•	-	-	-
2N236 2N236		NPN NPN	TO - 18 TO - 18	360 360	40 40	15 15	4.5 4.5	40/120 40/120	0.6 0.5	100/10	-	4	500	12	18	-	-	-	-
2N238										100/10	-	4	500	12	18	-	-	-	-
2N238		NPN NPN	TO 5 TO 5	600 600	80 80	40 40	5 5	20/120 20/120	1.3 1.3	150/15 150/15	-	14 14	100 100	125 125	195 195	-	-	-	-
2N240 2N247			T0 - 5	1000	120	90	7	60/200	0.5	150/15	-	15	401	~	-	-	-	-	-
2N248			TO - 5 TO - 18	600 360	80 40	40 15	5 5	30/120 40/120	0.85 0.4	150/15 100/10	-	14 5	150 300	1001 - 40	185 55	-	-		-
2N248	3	NPN	TO · 18	360	60	60	6	40/120	0.35	1/0.1		6	60		•••				
2N248 2N248			TO · 18	360	60	60	6	100/300	0.35	1/0.1	-	6	60	-	-	_	-	4 3	15.7 kHz 15.7 kHz
2N250			TO - 18 TO - 18	360 360	60 125	60 80	6 7	100/500 25/-	0.35 1.0	1/0.1 5/0.5	-	6 6	60 45	-	-	-	-	2	10.0 kHz
2N251	0	NPN	TQ · 18	360	100	65	7	150/500	1.0	5/0.5	-	6	45	-	-	-	-	7 4	1.0 kHz 1.0 kHz
2N251 2N258			TQ - 18	360	80	50	7	240/750	1.0	5/0.5	_	6	45	-	-	_	_	4	1.0 kHz
2N260			TQ - 18 TQ - 46	300 400	60 60	45 45	6 6	120/360 40/120	0.5 0.5	5/0.5 10/0.5	-	7 6	45 30	-	-	-	-	2	1.0 kHz
2N260 2N264			TO - 46	400 1000	60	45	6	100/300	0.5	10/0.5	-	6	30	-	-	-	-	4	15.7 kHz 15,7 kHz
•			TO · 5		120	90	7	60/200	0.5	150/15	-	15	40	-	-	-	-	-	-
2N269 2N269			TO - 46 TO - 18	360 360	25 25	25 25	4	30/130 30/130	1.0 1.0	300/30 300/30	~	20 20	100 100	75 75	170 170	-	-	-	-
2N270 2N280			TO · 72 TO · 5	200 800	35	20	3	30/200	-	-	•	1	700	-	-	15	200	- 7.5	200
_ 2N280			TO - 5	800	50 50	35 35	5 5	30/90 75/225	1.2 1.2	500/50 500/50	-	25 25	120 120	70 70	270 270	-	-	-	-
2N283	7	PNP	TO - 18	500	50	35	5	30/90	12	500/50						_	-	-	-
2N283	8	PNP	TO - 18	500	50	35	5	75/225	12	500/50	-	25 25	120 120	70 70	270 270	_		-	-
2N286 2N286			TO - 18 TO - 18	300 300	25 25	20 20	5 5	30/120 12/120	0,2 0,2	10/1 10/1	-	6 6	200	-	-	-	-	3	10
2N286	5		TO · 72	200	25	13	3	20/200	-	-	-	2.5	150 600	-	-	16.5	200	4 4,5	10 200
2N286			TQ • 5	800		40	7	40/120	0.25	150/15	-	20	50	_	_	-	_	-	_
2N289	5		TO · 18 ' TO · 18	1200 500	12 120	12 65	4	40/150 40/120	0.15 0.5	10/1 500/50	_	15	120	60	90	-	-		-
2N289 2N289			TQ · 18 TO · 18	500 500	140 60	90 46	7	60/200	0.5	500/50	-	15	120	-	-	-	-		_
2N289			TO - 46		120	45 65	ן ז	50/200 40/120	0.5 0.5	500/50 500/50	-	15 15	100 120	-	-		-	-	-
2N289			TC · 46		140	90	7	60/200	0.5	500/50	-	15	120	-	_	_			
2N290 2N290		NPN PNP	TO • 46 TO • 5	500 600		45 40	7	50/200	0.5	500/50	-	15	100	-	-	-	-	-	_
2N290	İA 👘	PNP	TO - 5	600	60	40 60	5 5	40/120 40/120	1,6 1.6	500/50 500/90	_	8 8	200 200	45 45	100 100	_	-	-	_
2N290		PNP	TO • 5	600	60	40	5	100/300		500/50	-	8	200	45	100	-	-	-	_
2N290 2N29D		PNP PNP	TO - 5 TO - 18	600 400		60 40	5	100/300		500/50	-	8	200	45	100	-	-	-	-
2N290	BA .	PNP	TO - 18	400		40 60	5 5	40/120 40/120		500/50 500/50	-	8 8	200 <sup>.</sup> 200	45 45	100 100	-	-	-	-
2N290 2N290			TO - 18 TO - 18	400 400		40 60	5 5	100/300 100/300	1.6	500/50	-	8	200	45	100	-	_	_	-
- 2N295			TO · 18							500/50	-	8	200	45	100	-	~	-	-
· 2N295	9	NPN	TO - 5	600 600	60	20 20	5 5	40/120 100/300	0.5 0.5	150/15 150/15	-	8 8	250 250		500 500	-	-	-	-
2N296		NPN NPN		600 600		30 30	5 5	100/300	0.5	150/50		8	250	95	500	-	-	_	-
2N301	-		TO - 18	300	15	6	4	100/300 25/125	2.0 0.38	500/50 30/3	-	8 3	250 600	95 12	500 12	-	-	-	_
2N301			TO · 18	360		12	5	30/120	0.5	100/10	_	4	400	15	20	_	_	-	_
2N301 2N301	-	PNP NPN	TO - 18 TO - 5	360 800 1		12 80	4	20/- 100/300	0.15 0.2	10/1	-	6	-	60	75	-	-	-	-
2N302	)	NPN	TO • 5	800	140	80	7	40/120	0.2	150/15 150/15	-	12 12	100 100	-	-	-	-	-	-
2N303	2	NPN	10.5	800	120	80	7	50/150	0.25	150/15	-	15	50	-	-	_	-	-	-

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27E D 🖬 4869246 0000282 6 🔳

# - INTEX/ SEMITRONICS CORP 27E D

devices T-27-01

discrete

### **TOLL FREE NUMBER 800-777-3960**

### metal can transistors cont'd

silicon small signal transistors

			Ma	ximum	Rating	5	Electrical Characteristics @ 25 C												
Device	Туре	Package	Po			<b>V</b>		VCE (Sa	t)@I <sub>C</sub> /I <sub>B</sub>	C <sub>cb</sub>	C <sub>ob</sub>	ft	ton	tOFF	Power	Gain @ f	NF	@1	
			Ambient mW	V <sub>CB</sub> Volts	V <sub>CE</sub> Volts	V <sub>EB</sub> Volts	h <u>re</u> Min/Max	Volts	mA/mA	pF Max	pF Max	MHz Min	ns Max	ns Max	dB Min	MH2	dB Max	MH7	
2N3056	NPN	TQ • 46	400	100	6Ó	7	40/120	0.25	150/15	-	12	80	_	-	-	-	_	_	
2N3056A	NPN	TO - 46	400	140	80	7	40/120	0.2	150/15	-	12	80	-	-	-	-	-	-	
2N3057 2N3057A	NPN NPN	TQ • 46 TO • 46	400 400	100 140	60 80	77	100/300 100/300	0.25 0.2	150/15 150/15	-	12 12	100 100	-	-	-	-	-	-	
2N3072	PNP	TO · 5	800	60	60	4	30/130	1.0	300/30	-	10	130	40	100	-	-	-	-	
2N3073	PNP	TQ · 18	360	60	60	4	30/130	1.0	300/30	-	10	130	40	100	-	-	-	-	
2N3081 2N3107	PNP NPN	TO - 5 TO - 46	600 800	70 100	60 60	6 7	30/90 100/300	1.4 0.25	500/50 150/15	-	13 20	150 70	60	175	-	-	-	_	
2N3108	NPN	T0 · 5	800	100	60	i	40/120	0.25	150/15	-	20	60		-	-	-	-	-	
2N3109	NPN	TO - 5	800	80	40	7	100/300	0.25	150/15	-	25	70	-	-	-	-	-	-	
2N3110 2N3115	NPN NPN	TO - 5 TO - 18	600 400	100 60	40 20	7 5	40/120 40/120	0.25 0.5	150/15 150/15	-	25 8	60 250	95	500	-	-	-	-	
2N3118	NPN	TO - 18	400	60	20	5	100/300	0.5	150/15		8	250	95	500	-	-	-	-	
, 2N3117	NPN	TO - 18	360	60	60	6	250/500	0.35	1/0.1 500/50	-	4.5 10	60 120	40	100	-	-	1	10	
2N3120	PNP	TO - 5	800	45	45	4	30/130	1.0		-		130			· -	-	-	-	
2N3121 2N3122	PNP	TO - 18	360 800	45 50	45 30	4	30/130 25/100	1.0 1.5	500/50 300/30	-	10 25	130 60	40	100	-	-	-	-	
2N3133	NPN PNP	TO-5 TO-5	800 600	50 50	30 35	5	40/120	0.6	300/30 150/15	-	10	200	75	150	-	-	_	_	
2N3134	PNP	T0 · 5	600	50	35	4	100/300	0.6	150/15	-	10	200	75	150	-	-	-	-	
2N3135	PNP	TQ • 18	400	50	35	4	40/120	0.6	150/15	-	10	200	75	150	-	-	-	-	
2N3136 2N3137	PNP NPN	TO 18 TO 5	400 800	50 40	35 20	4	100/100 20/120	0.6 0.3	150/15 50/5	-	10 3.5	200	75	150	6	250	-	-	
2N3209	PNP	TO - 18	360	20	20	4	30/120	0.15	10/1	-	5	400	- 60		-	-	-	-	
2N3210	NPN	TO · 18	360	40	15	5	30/120	0.5	100/10	-	4	400	15	20	-	-	-	-	
2N3227	NPN	TO - 18	360	40	20	6	30/120	0.75	200/20	-	6	300	40	40	-	-	-	-	
2N3250 2N3250A	PNP PNP	TO - 18 TO - 18	360 360	50 60	40 60	5 5	50/150 50/150	0.5 0.5	50/5 50/5	-	6 6	250 250	70 70	225. 225	-	-	-	-	
2N3251	PNP	TO - 18	360	50	40	5	100/300	0.5	50/5	-	6	300	70	250	_	-	-	-	
2N3251A	PNP	TO - 18	360	60	60	5	100/300	0.5	50/5	-	6	300	70	250	-	-	-	-	
2N3299	NPN	TO • 5	800	60	30	5	40/120	0.6	500/50	-	8	250	60	150	-	-	-	-	
2N3300	NPN	TO · 5	800	60	30	5	100/300	0.6	500/50	-	8	250	<b>60</b>	150	-	-	-	-	
2N3301 2N3302	NPN NPN	TO - 18 TO - 18	360 360	60 60	30 30	5 5	40/120 100/300	0.6 0.6	500/50 500/50	-	8 8	250 250	60 60	150 150	-	-	=	-	
2N3304	PNP	TO • 18	300	6	6	4	12/-	0.5	50/5	-	3.5	500	60	60	-	-		<del></del>	
2N3326	NPN	TO • 5	800	60	45	5	40/120	1.6	500/50	-	8	250	45	340	-	-	-	-	
2N3388	NPN	TO · 5	600	125	100	6	60/	1.0	2.5/.05 500/50	-	35 8	36 200	50	110	-		-	-	
2N3485 2N3485A	PNP PNP	TO - 46 TO - 46	360 360	60 60	40 60	5 5	40/120 40/120	1.6 1.6	500/50	-	8	200	50 50	110	-	-	-	-	
2N3486	PNP	TO - 46	360	60	40	5	100/300	1.6	500/50	-	8	200	50	110	-	-	-	-	
2N3486A	PNP	TO • 46	360	60	60	5	100/300	1.6	500/50	-	8	200	50	110	-	-	-	-	
2N3502	PNP	TO-5	700	45	45	5	100/300	1,6	500/50 500/50	-	8 8	200 200	40 40	100 100	-	-	-	-	
2N3503 2N3504	PNP PNP	TO • 5 TO • 18	700 400	60 45	60 45	5 5	100/300 100/300	1.6 1.6	500/50	-	· 8	200	40	100	-	-	-	-	
2N3505	PNP	TO - 18	400	60	60	5	100/300	1.6	500/50	-	8	200	40	100	-	-	-	-	
2N3671	PNP	TO • 5	600	60	50	5	75/225	1.6	500/50	-	9	200	50	110	-	-	-	-	
2N3672		TO 18	400	60 60	50 50	5	75/225	1,6	500/50		9 9	200 200	50 50	110 110	-	-	-	-	
2N3673 2N3700	PNP NPN	TO - 46 TO - 18	350 500	60 140	50 80	5 7	75/225 100/300	1.6 0,2	500/50 150/15	-	12	100	-	-	-	-	-	-	
2N3701	NPN	TO • 18	500	140	80	7	40/120	0.2	150/15	-	12	80	-	-	-	-	-	-	
2N3725	NPN	TO • 5	1000	80	50	6	60/150	0.95	1000/100	-	10	300	35	60	-	-	-	-	
2N3725A	NPN	TO - 5	1000	80	50	6	60/150	0.95	1000/100		10	300	35	60	-	-	- 5		
2N3947 2N4080	NPN PNP	TO · 18 TO · 72	1200 200	60 20	40 15	6 3	100/300 20/-	0.2	10/1	-	4	300 1000	_	-	15	200	5	200	
2N4137	NPN	TO - 18	360	40	10	4.5	40/120	0.5	100/10	-	5	500	12	12	-	-		-	
2N4207	PNP	TO - 18	350	6	6	4.5	50/120	0.15	10/1	-	3	-	15	15	-	-	-	-	
2N4208	PNP	TO - 18	350	12	12	4.5	30/120	0.15	10/1	+	3	-	15	20	-	-	-	-	
2N4209 2N4872	PNP	TO - 18 TO - 18	350 300	15 12	15 12	4.5	50/120	0.18	10/1 10/1	-	3 3	-	15 15	20 20	-	-		-	
2N5058	PNP PNP	TO - 18	360	12	15	4.5 4.5	50/120 20/	0.15 0.13	10/1	4.5		-	20	35	_	-	_	-	
2N5057	PNP	TQ · 18	360	15	15	4.5	30/-	0.13	10/1	4.5		-	20	35	-	-	-	-	

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