

# DARLINGTON TRANSISTORS

Item Number	Part Number	Manufacturer	V <sub>(BR)CEO</sub> (V)	I <sub>C</sub> Max (A)	P <sub>D</sub> Max (W)	h <sub>FE</sub>		f <sub>T</sub> (Hz)	I <sub>CEO</sub> Max (A)	t <sub>r</sub> Max (s)	t <sub>f</sub> Max (s)	T <sub>Oper</sub> Max (°C)	Package Style
						Min	Max						
<b>NPN Darlington Transistors, (Cont'd)</b>													
-	MPSA14	See Index	30	500m	1.5	20k		125M	100n			150 J	TO-226AA
-	D40C1	See Index	30	500m	6.2	10k	60k	75M	500n	100n	800n	150 A	TO-202
-	D40C2	See Index	30	500m	6.2	40k		75M	20u	100n	800n	150 A	TO-202
-	D40C3	New Jersey	30	500m	6.2	90k		75M	500n	100n	800n	150 A	TO-202
5	D40C3	Natl Semi	30	500m	6.2	90k		75M	500n	100n	800n	150 A	TO-202
-	D40C3	Solid Stinc	30	500m	6.2	90k		75M	500n	100n	800n	150 A	TO-202
-	BC517	See Index	30	1.0	1.5	30k		200M	100n			150 J	TO-226AA
-	BC517S	Motorola	30	1.0	1.5	33k		200M	100n			150 J	TO-226AA
-	NSD151	Natl Semi	30	1.0	1.7	5.0k	250k	100M	100n			150 J	TO-202AA
10	MPSW13	Motorola	30	1.0	2.5	5k		125M	100n			150 J	TO-226AE
-	MPSW13	Natl Semi	30	1.0	2.5	5k		125M	100n			150 J	TO-226AE
-	MPSW14	Motorola	30	1.0	2.5	10k		125M	100n			150 J	TO-226AE
-	MPSW14	Natl Semi	30	1.0	2.5	10k		125M	100n			150 J	TO-226AE
-	2SC2298	Hitachi Ltd	30	1.0	8.0	4.0k						150 J	TO-126var
15	BD477A	NthAmerSemi	30	1.0	8.5	8.0k		170M	100n			125 J	TO-126
-	2SD1140	ToshibaCorp	30	1.5	0.9	4.0k			10u			150 J	TO-92
-	D40K1	See Index	30	2.0	10	10k		75M	20u			150 J	TO-202AC
-	D40K3	Motorola	30	2.0	10	10k		75M	20u			150 J	TO-202AC
-	D40K3	Natl Semi	30	2.0	10	10k		75M	20u			150 J	TO-202AC
20	D40K3	GE Solid St	30	2.0	10	10k		75M	20u			150 J	TO-202AC
-	2SD1214	Matsushita	30	2.0	35	1.0k	10k		100u			150 J	TO-220AB
-	2SD1316	Matsushita	30	2.0	35	1.0k	10k		100u			150 J	SOT-186
-	2SD1322	Matsushita	30	2.0	35	1.0k	10k		100u			150 J	SOT-186
25	2SC3004	Hitachi Ltd	30	3.0	10	2.0k	50k		20u	400n	1.2u	150 J	TO-126
-	2SC3132S	Hitachi Ltd	30	3.0	10	2.0k	50k		20u	0.4u	1.2u	150 J	TO-252var
-	2SD1215	Matsushita	30	4.0	40	1.0k	10k		100u			150 J	TO-220AB
-	2SD1317	Matsushita	30	4.0	40	1.0k	10k		100u			150 J	TO-220var
-	2SD1323	Matsushita	30	4.0	40	1.0k	10k		100u			150 J	SOT-186
-	NSD153	Natl Semi	30	5.0	10	20k		100M	100n			175 S	TO-202AA
30	2SD1216	Matsushita	30	8.0	45	1.0k	10k		100u			150 J	TO-220AB
-	2SD1318	Matsushita	30	8.0	45	1.0k	10k		100u			150 J	TO-220var
-	2SD1324	Matsushita	30	8.0	45	1.0k	10k		100u			150 J	SOT-186
-	2SD1383	Rohm Co Ltd	32	300m	200m	1.0k		250M					SO
35	2SD1383K	Rohm Co Ltd	32	300m	200m	1.0k		250M					SOT-23
-	2SC2062	Rohm Co Ltd	32	300m	300m	5.0k		200M					TO-92
-	2SC2062	Rohm Corp	32	300m	300m	5.0k		200M					TO-92
-	2SC1545	Rohm Corp	32	1.5	300m	1.0k		250M					SIP
-	2SC1545	Rohm Co Ltd	32	1.5	300m	1.0k		250M					SIP
40	2SC1545M	Rohm Co Ltd	32	1.5	300m	1.0k		250M					SIP
-	2SC1545M	Rohm Corp	32	1.5	300m	1.0k		250M					SIP
-	2SC1645	Rohm Corp	32	1.5	300m	1.0k		250M					TO-92
-	2SC1645	Rohm Co Ltd	32	1.5	300m	1.0k		250M					TO-92
45	2SC1645S	Rohm Co Ltd	32	1.5	300m	1.0k		250M					SPAK
-	2SC1645S	Rohm Corp	32	1.5	300m	1.0k		250M					SPAK
-	2SC982	ToshibaCorp	40	400m	50k				100n			125 J	TO-92
-	HS5307	SprgueElec	40	900m	2.0k	20k	60M	100n				150 J	TO-92var
-	HS5308	SprgueElec	40	900m	7.0k	70k	60M	100n				150 J	TO-92var
-	HS5308A	SprgueElec	40	900m	7.0k	70k	60M	100n				150 J	TO-92var
50	RN5307	Rohm Corp	40	300m	8.0k	8.0k	60M	100n					TO-92
-	RN5307	Rohm Co Ltd	40	300m	8.0k	8.0k	60M	100n					TO-92
-	RN5308	Rohm Co Ltd	40	300m	20k	20k	60M	100n					TO-92
-	RN5308	Rohm Corp	40	300m	20k	20k	60M	100n					TO-92
-	GES5307	GE Solid St	40	300m	400m	2.0k	20k	50M	100n			150 J	TO-92
55	GES5307	CentralSemi	40	300m	400m	2.0k	20k	50M	100n			150 J	TO-92
-	2N5307	See Index	40	300m	400m	2.0k	20k	60M	100n			150 S	TO-98
-	GES5308	CentralSemi	40	300m	400m	7.0k	70k	50M	100n			150 J	TO-92
-	GES5308	GE Solid St	40	300m	400m	7.0k	70k	50M	100n			150 J	TO-92
-	GES5308A	CentralSemi	40	300m	400m	7.0k	70k	50M	100n			150 J	TO-92
60	GES5308A	GE Solid St	40	300m	400m	7.0k	70k	50M	100n			150 J	TO-92
-	2N5308	See Index	40	300m	400m	7.0k	70k	60M	100n			150 S	TO-98
-	2N5308A	See Index	40	300m	400m	7.0k	70k	60M	100n			150 S	TO-98
-	MM6427	SemiconTech	40	300m	1.25	10k		125M	100n			200 J	TO-206AA
65	MM6427	Motorola	40	300m	1.25	10k		125M	100n			200 J	TO-206AA
-	MMBT6427	Samsung	40	500m	225m	10k	100k		50n			150 J	SOT-23
-	MMBT6427	Motorola	40	500m	225m	10k	100k		50n			150 J	SOT-23
-	TMPT6427	SprgueElec	40	500m	350m	10k	100k	130M	50n			150	TO-236
-	MPS-A25	Motorola	40	500m	625m	10k			100n			150 J	TO-92
70	MPSA25	Motorola	40	500m	625m	10k		125M	100m			150 J	TO-226AA
-	MPSA25	SprgueElec	40	500m	625m	10k		125M	100m			150 J	TO-226AA
-	2N6427	See Index	40	500m	625m	10k	100k	130M	50n			150 S	TO-92
-	2N6426	See Index	40	500m	625m	20k	200k	150M	50n			150 S	TO-92
-	RXT-A14	Rohm Co Ltd	40	500m	1.0	20k							SOT-89
-	RXT-A14	Rohm Corp	40	500m	1.0	20k							SOT-89
75	D40C4	See Index	40	500m	6.2	10k	60k	75M	20u	100n	800n	150 A	TO-202
-	D40C5	See Index	40	500m	6.2	40k		75M	20u	100n	800n	150 A	TO-202
-	FMMT4400	FerrantiLtd	40	600m	300m	20		200M				175 J	TO-236
-	FMMT4401	FerrantiLtd	40	600m	300m	40		250M				175 J	TO-236
-	DTS2000	CentralSemi	40	600m	720m	2.0k	30k	75M	10u	250n	180n	150 J	TO-92
80	DTS2000	SemiconTech	40	600m	720m	2.0k	30k	75M	10u	250n	180n	150 J	TO-92
-	2SD893A	Matsushita	40	1.0	750m	2.0k	20k		100n			125 J	TO-92
-	SE1000	Semi Ltd	40	1.0	1.0	1.0k			1.0m				TO-39
-	BC617	NthAmerSemi	40	1.0	1.2	20k	70k		50n			150 S	TO-92
-	BC617	Motorola	40	1.0	1.2	20k	70k		50n			150 S	TO-92
85	BC617	Siemens Akt	40	1.0	1.2	20k	70k		50n			150 S	TO-92
-	NSD152	Natl Semi	40	1.0	1.7	5.0k	250k	100M	100n			150 J	TO-202AA
-	MPS6724	Motorola	40	1.0	2.5	4k	40k	100M	100n			150 J	TO-226AE
-	MPSW45	Motorola	40	1.0	2.5	25k	150k	100M	100n			150 J	TO-226AE
-	MPSW45	Natl Semi	40	1.0	2.5	25k	150k	100M	100n			150 J	TO-226AE
90	2SD1759	Rohm Co Ltd	40	2.0	1.0	1.0k	200k						DPAK
-	2SD1759	Rohm Corp	40	2.0	1.0	1.0k	200k						DPAK
-	2SD1536M	Rohm Corp	40	2.0	1.0	4.0k		150M					SIP
-	2SD1536M	Rohm Co Ltd	40	2.0	1.0	4.0k		150M					SIP
-	92PU45	Natl Semi	40	2.0	1.2	25k		100M	100n			150 J	TO-237var
95	2N6549	See Index	40	2.0	2.0	15k	150k	100M	100n			150 J	TO-202AC
-	2N6548	See Index	40	2.0	2.0	25k	150k	100M	100n			150 J	TO-202AC
-	2N6724	See Index	40	2.0	2.0	25k		100M	100n			150 J	TO-237
-	MPSU45	SprgueElec	40	2.0	10	4.0k	12k	320M</					