

DARLINGTON TRANSISTORS

Item Number	Part Number	Manufacturer	V _{(BR)CEO} (V)	I _c Max (A)	P _D Max (W)	h _{FE}		f _T (Hz)	I _{cBO} Max (A)	t _r Max (s)	t _f Max (s)	T _{Oper} Max (°C)	Package Style	
						Min	Max							
NPN Darlington Transistors, (Cont'd)														
-	MMST-A28	Rohm Corp	80	500m			10k	125M					SOT-23	
-	MPS-A28	Motorola	80	500m	625m		10k	125M	100n			150 J	TO-92	
-	MPS-A28	Rohm Corp	80	500m	625m		10k	125M	100n			150 J	TO-92	
-	BST52	AmperexElec	80	500m	1.0		1.0k		10u		1.5u	150 J	SOT-89	
5	BST52	Telefunken	80	500m	1.0		1.0k		10u		1.5u	150 J	SOT-89	
-	BST52	PhilipsElec	80	500m	1.0		1.0k		10u		1.5u	150 J	SOT-89	
-	RXT-A28	Rohm Corp	80	500m	1.0		10k	125M					SOT-89	
-	BSP52	PhilipsElec	80	0.5	1.5		1.0k		10u		1.5u	150 J	SOT-223	
-	MPSA28	SpragueElec	80	500m	1.5		10k	125M	100n			150 J	TO-226AA	
10	MPSA28	Motorola	80	500m	1.5		10k	125M	100n			150 J	TO-226AA	
-	DTS2002	SemiconTech	80	600m	720m		2.0k	15k	75M	50n	250n	180n	150 J	TO-92
-	U2TA508	Unitrode	80	750m	1.5		500		40M	10u	600n	800n	150 A	TO-92
-	2SD1698	NEC Corp JA	80	800m	750m		4.0k	50k	1.0u	1.0u	500n	1.0u	150 J	TO-92
-	2SD1697	NEC Corp JA	80	800m	1.0		4.0k	50k	1.0u	1.0u	500n	1.0u	150 J	SPAKvar
15	2SD1699	NEC Corp JA	80	800m	2.0		4.0k	50k	1.0u	1.0u	500n	1.0u	150 J	SOT-89
-	BC879	NthAmerSemi	80	1.0	800m		2.0k		200M	100n			150 J	TO-92
-	BC879	Siemens Akt	80	1.0	800m		2.0k		200M	100n			150 J	TO-92
-	2SD1511	Matsushita	80	1.0	1.0		4.0k		40k	100n			150 J	SOT-23
-	BD879	NthAmerSemi	80	1.0	1.2		2.0k		200M	100n			150 J	TO-126
20	2SD946B	Matsushita	80	1.0	1.2		2.0k		20k	100n			150 J	TO-126var
-	ZTX603	FerrantiLtd	80	1.0	1.5		2k	100k	150M	10n		1.1u	200	TO-92
-	BC373	Motorola	80	1.0	1.5		10k	600k	100M	100n			150 J	TO-226AA
-	BC373-16	Motorola	80	1.0	1.5		10k	60k	100M	100n			150 J	TO-226AA
-	BC373-25	Motorola	80	1.0	1.5		25k	180k	100M	100n			150 J	TO-226AA
25	BC373-40	Motorola	80	1.0	1.5		60k	600k	100M	100n			150 J	TO-226AA
-	BSS52	NthAmerSemi	80	1.0	5.0		1.5k	70M	50n	400n	2.0u	175 J	TO-205AD	
-	BSS52	Motorola	80	1.0	5.0		1.5k	70M	50n	400n	2.0u	175 J	TO-205AD	
-	BSS52	PhilipsElec	80	1.0	5.0		1.5k	70M	50n	400n	2.0u	175 J	TO-205AD	
-	BDX44	AmperexElec	80	1.0	9.0		1.5k	350M	100n	400n	2.0u	150 J	TO-126	
30	BDX44	NthAmerSemi	80	1.0	9.0		1.5k	350M	100n	400n	2.0u	150 J	TO-126	
-	BDX44	PhilipsElec	80	1.0	9.0		1.5k	350M	100n	400n	2.0u	150 J	TO-126	
-	2SD1939	NEC Corp JA	80	1.5	750m		2.0k	30k	60M	10u	500n	1.0u	150 J	TO-92
-	2SD1579M	NEC Corp JA	80	1.5	1.0		2.0k	5.0k	10u	10u	500n	1.0u	150 J	SPAKvar
-	2SD1579L	NEC Corp JA	80	1.5	1.0		4.0k	10k	10u	10u	500n	1.0u	150 J	SPAKvar
35	2SD1579K	NEC Corp JA	80	1.5	1.0		8.0k	30k	10u	500n	1.0u	150 J	SPAKvar	
-	TIPK111	TexinstLtd	80	2.0	0.8		500		1.0m				150 J	TO-92
-	TIPP111	TexinstLtd	80	2.0	0.8		500		1.0m				150 J	TO-92
-	BSR52	AmperexElec	80	2.0	800m		1.0k		50n				150 J	TO-92
-	BSR52	PhilipsElec	80	2.0	800m		1.0k		50n				150 J	TO-92
40	SFD5390 (A)	Sid St Dvcs	80	2.0	1.0		1.0k	20k	10u		1.5u	200 J	TO-33	
-	2N5390	See Index	80	2.0	1.0		2.0k	20k	10u			200 C	TO-33	
-	2SD1438	ToshibaCorp	80	2.0	15		2.0k		100M	10u			150 J	TO-126var
-	2SD1260A	Matsushita	80	2.0	35		1.0k	10k	1.0m				150 J	TO-220AB
-	2SD1275A	Matsushita	80	2.0	35		1.0k	10k	1.0m				150 J	SOT-186
45	2SD836A	Matsushita	80	2.0	35		1.0k	10k	1.0m				150 J	TO-220
-	TIP111	See Index	80	2.0	50		500		1.0m	2.6u	4.5u	150 J	TO-220AB	
-	SGS111	SGS-Ates	80	2.0	50		1.0k						150 J	TO-126var
-	2SD614	Sanken Elec	80	3.0	10		800	10k	100u				150 J	TO-5
-	BDT61AF	PhilipsElec	80	4.0			750						150 J	SOT-186
50	2N6039	See Index	80	4.0	1.5		750	15k	25M	100u			150 J	TO-126
-	BDT61A	See Index	80	4.0	2.0		750		200u		4.5u	150 J	TO-220AB	
-	BDW53B	Semelab	80	4.0	2.0		750	20k	200u		4.5u	150 J	TO-220AB	
-	BDW53B	TexinstLtd	80	4.0	2.0		750	20k	200u		4.5u	150 J	TO-220AB	
-	2N6852	SiliconTran	80	4.0	10		750	18k	500u	1.0u	5.0u	175 J	TO-39	
55	2N6852	Space Power	80	4.0	10		750	18k	500u	1.0u	5.0u	175 J	TO-39	
-	MJE3302	CentralSemi	80	4.0	15		1.0k		20M	1.0u			150 J	TO-126var
-	MJE3302	Motorola	80	4.0	15		1.0k		20M	1.0u			150 J	TO-126var
-	MJE3302	NthAmerSemi	80	4.0	15		1.0k		20M	1.0u			150 J	TO-126var
-	MJD6039	See Index	80	4.0	20		1.0k	12k	25M	10u			150 J	DPAK
60	MJD6039-1	See Index	80	4.0	20		1.0k	12k	25M	10u			150 J	TO-221
-	2SD1520	Hitachi Ltd	80	4.0	20		1.0k	20k	100u	500n	1.0u		150 J	TO-252var
-	2SD1414	ToshibaCorp	80	4.0	20		2.0k		20u				150 J	TO-220var
-	2SD1933 (A)	Rohm Co Ltd	80	4.0	30		1.0k	10k					150 J	TO-220
65	BD263A	PhilipsElec	80	4.0	36		500		7.0M	200u			150 J	TO-126
-	BD263A	NthAmerSemi	80	4.0	36		500		7.0M	200u			150 J	TO-126
-	BD263A	Semelab	80	4.0	36		500		7.0M	200u			150 J	TO-126
-	BD679	See Index	80	4.0	40		500		1.0M	200n			150 J	TO-126
-	BD679A	See Index	80	4.0	40		750		1.0M	200u			125 J	TO-126var
-	MJE802	See Index	80	4.0	40		750		1.0M	100u			150 J	TO-126var
70	MJE803	See Index	80	4.0	40		750		1.0M	200u			125 J	TO-126
-	2SD1276A	Matsushita	80	4.0	40		1.0k	10k	200u				150 J	SOT-186
-	2SD1599	Hitachi Ltd	80	4.0	40		1.0k	20k	100u	500n	1.0u		150 J	TO-220AB
-	2SD1932 (A)	Rohm Co Ltd	80	4.0	40		1.0k	10k					150 J	TO-220
-	2SD837A	Matsushita	80	4.0	40		1.0k	10k					150 J	TO-220
75	MJE802T	Motorola	80	4.0	50		750		100u				150 J	TO-220AB
-	MJE802T	NthAmerSemi	80	4.0	50		750		100u				150 J	TO-220AB
-	MJE803T	NthAmerSemi	80	4.0	50		750		100u				150 J	TO-220AB
-	MJE803T	Motorola	80	4.0	50		750		100u				150 J	TO-220AB
-	2N6295	See Index	80	4.0	50		750	18k	4.0M	500u		700n	175 J	TO-66
80	6039Y	AmperexElec	80	4.0	50		750						150 J	TO-247var
-	MJ4001	NthAmerSemi	80	4.0	75		1.0k		200u				175 J	TO-3
-	MJ4001	SiliconTran	80	4.0	75		1.0k		200u				175 J	TO-3
-	MJ4001	Diode Trans	80	4.0	75		1.0k		200u				175 J	TO-3
85	SDM3302	Solitron	80	5.0	5.0		1.0k		70M	1.0u	600n	2.5u	175 J	TO-33
-	SDM3302	PPC Product	80	5.0	5.0		1.0k		70M	1.0u	600n	2.5u	175 J	TO-33
-	SDM3305	Solitron	80	5.0	5.0		1.0k		70M	1.0u	600n	2.5u	175 J	TO-33
-	SDM3305	PPC Product	80	5.0	5.0		1.0k		70M	1.0u	600n	2.5u	175 J	TO-33
-	SDN101	SiliconTran	80	5.0	5.0		2.0k		50M	1.0u			175 J	TO-33
90	U2T101	Unitrode	80	5.0	5.0		2.0k	10k	50M	1.0u	300n	500n	175 A	TO-33
-	U2T101	SemiconTech	80	5.0	5.0		2.0k	10k	50M	1.0u	300n	500n	175 A	TO-33
-	2N6350	See Index	80	5.0	5.0		2.0k	10k	50M		500n	1.2u	175 J	TO-33
-	SDM3102	Solitron	80	5.0	20		1.0k		70M	1.0u	600n	2.5u	175 J	TO-66(3)