

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)													
-	U2T201	SemiconTech	80	5.0	25	2.0k	10k	50M	1.0u	300n	500n	175 A	TO-66(3)
-	2N6352	See Index	80	5.0	25	2.0k	10k	50M		500n	1.2u	175 J	TO-66(3)
-	2SD1169	Matsushita	80	5.0	40	5.0k	20k		1.0m			150 J	TO-220AB
-	2SD1315	Matsushita	80	5.0	40	5.0k	20k		1.0m			150 J	SOT-186
5	SGS121	NthAmerSemi	80	5.0	65	1.0k							TO-126var
-	SGS121	SGS-Ates	80	5.0	65	1.0k							TO-126var
-	TIP121	See Index	80	5.0	65	1.0k			200u	1.5u	8.5u	150 J	TO-220AB
-	TIP621	See Index	80	5.0	65	1.0k			200u			175 J	TO-3
-	MJE1102	Motorola	80	5.0	70	750		1.0M	200m			150 J	TO-127var
-	MJE1102	CrimsonSemi	80	5.0	70	750		1.0M	200m			150 J	TO-127var
-	MJE1102	NthAmerSemi	80	5.0	70	750		1.0M	200m			150 J	TO-127var
-	MJE1103	See Index	80	5.0	70	750		1.0M	200m			150 J	TO-127var
-	MJE2102	CrimsonSemi	80	5.0	70	750		1.0M	200m			150 J	TO-127var
-	MJE2103	CrimsonSemi	80	5.0	70	750		1.0M	200m			150 J	TO-127var
15	SDM20303	Solitron	80	5.0	100	1.0k		20M	500u			175 J	TO-3
-	BDX67A	See Index	80	5.0	150	1.0k		7.0M	1.0m			175 J	TO-3
-	BDW63B	TexsInstLtd	80	6.0	2.0	750	20k		200u		5.0u	150 J	TO-220AB
-	D44D5	Solid StInc	80	6.0	30	2.0k	20k	50M		300n	800n	150 J	TO-220AB
-	D44D5	GE Solid St	80	6.0	30	2.0k	20k	50M		300n	800n	150 J	TO-220AB
-	D44D6	Solid StInc	80	6.0	30	2.0k	20k	50M		300n	800n	150 J	TO-220AB
-	D44D6	GE Solid St	80	6.0	30	2.0k	20k	50M		300n	800n	150 J	TO-220AB
-	BDW23B	Semelab	80	6.0	50	750	20k		200u			150 J	TO-220AB
-	BDW23B	SGS-Ates	80	6.0	50	750	20k		200u			150 J	TO-220AB
-	BDW23B	CentralSemi	80	6.0	50	750	20k		200u			150 J	TO-220AB
25	BD333	See Index	80	6.0	60	750		7.0M	200u	2.0u		150 J	TO-126var
-	2SD1416	ToshibaCorp	80	7.0	30	2.0k	15k		100u			150 J	TO-220var
-	2SD419	Sanken Elec	80	7.0	40	700		6.0M	1.0m			150 J	TO-66
-	2SD664	ToshibaCorp	80	7.0	40	2.0k	15k		100u	800n	2.5u	150 J	TO-66
-	BD647F	AmperexElec	80	8.0		750							SOT-186
-	BD647F	PhilipsElec	80	8.0		750							SOT-186
30	BDW73B	Semelab	80	8.0	2.0	750	20k		200u		5.0u	150 J	TO-220AB
-	BDW73B	TexsInstLtd	80	8.0	2.0	750	20k		200u		5.0u	150 J	TO-220AB
-	BD899	TexsInstLtd	80	8.0	2.0	750			200u		5.0u	150 J	TO-220AB
-	BD899	NthAmerSemi	80	8.0	2.0	750			200u		5.0u	150 J	TO-220AB
35	BD899	Nat'l Semi	80	8.0	2.0	750			200u		5.0u	150 J	TO-220AB
-	BD899A	See Index	80	8.0	2.0	750		1.0M	200u		5.0u	150 J	TO-220AB
-	2N6044	See Index	80	8.0	2.2	1.0k	20k	4.0M	20u			150 J	TO-127var
-	2SD1600	Hitachi Ltd	80	8.0	40	1.0k	20k		100u	500n	1.5u	150 J	TO-220AB
-	2SD1176A	Matsushita	80	8.0	45	1.0k	10k		100u			150 J	TO-220AB
-	2SD1262A	Matsushita	80	8.0	45	1.0k	10k		100u			150 J	TO-220var
-	BD267A	NthAmerSemi	80	8.0	60	750		7.0M				150 J	TO-220AB
-	BD267A	PhilipsElec	80	8.0	60	750		7.0M				150 J	TO-220AB
-	BD647	See Index	80	8.0	62.5	750			200u		5.0u	150 J	TO-220AB
45	SGS131	SGS-Ates	80	8.0	65	1.0k	15k						TO-126var
-	2SD1277A	Matsushita	80	8.0	65	1.0k	10k		100u			150 J	SOT-186
-	BD699	NthAmerSemi	80	8.0	70	750		1.0M	200u			150 J	TO-127var
-	BD699	Motorola	80	8.0	70	750		1.0M	200u			150 J	TO-127var
-	BD699A	Motorola	80	8.0	70	750		1.0M	200u			150 J	TO-127var
-	TIP131	See Index	80	8.0	70	1.0k	15k		200u			150 J	TO-220AB
50	2N6301	See Index	80	8.0	75	750	18k	4.0M	500u		1.5u	175 J	TO-66
-	MJE6044	Motorola	80	8.0	75	1.0k	20k	4.0M	20u			150 J	TO-127
-	MJE6044	Swampscott	80	8.0	75	1.0k	20k	4.0M	20u			150 J	TO-127
-	BDX53B	See Index	80	8.0	80	750		20M	200u		5.0u	150 J	TO-220AB
-	BDX63A	See Index	80	8.0	90	750		7.0M	200u			175 J	TO-3
55	MJ1001	See Index	80	8.0	90	750			500u			175 J	TO-3
-	RCA1001	GE Solid St	80	8.0	90	750			500u			175 J	TO-3
-	2N6056	See Index	80	8.0	100	750	18k	4.0M	500u			175 J	TO-3
-	PMD12K80	Lambda Semi	80	8.0	100	1.0k	20k		200u			175 J	TO-3
-	PMD12K80	CentralSemi	80	8.0	100	1.0k	20k		200u			175 J	TO-3
60	MJ1201	CrimsonSemi	80	8.0	120	100		4.0M	500u			175 J	TO-3(4)
-	MJ1201	NthAmerSemi	80	8.0	120	100		4.0M	500u			175 J	TO-3(4)
-	BDT63AF	PhilipsElec	80	10		1.0k							SOT-186
-	SDN501	SiliconTran	80	10	30	2.0k		50M	1.0u			175 J	TO-66
65	D44E3	See Index	80	10	50	1.0k			10u	600n	500n	150 J	TO-220
-	SDN601	SiliconTran	80	10	50	2.0k		50M	1.0u			175 J	TO-3
-	SGS6388	SGS-Ates	80	10	65	1.0k							TO-126var
-	SGS6388	NthAmerSemi	80	10	65	1.0k	20k						TO-126var
-	2N6388	See Index	80	10	65	1.0k	20k		300u			175 J	TO-220AB
-	SE9301	See Index	80	10	70	100		1.0M	200u			150 J	TO-220AB
70	BDX33B	See Index	80	10	70	750		20M	1.0m			150 J	TO-220AB
-	2SD524	ToshibaCorp	80	10	75	1.0k			100u			150 J	TO-3
-	2SD1187	ToshibaCorp	80	10	80	30		10M	10u			150 J	TO-247S
-	2SD411	NEC Corp JA	80	10	80	1.0k			100u			150 J	TO-3
75	BDT63A	NthAmerSemi	80	10	90	1.0k			200u			150 J	TO-220AB
-	BDT63A	PhilipsElec	80	10	90	1.0k			200u			150 J	TO-220AB
-	BDT63A	AmperexElec	80	10	90	1.0k			200u			150 J	TO-220AB
-	SE9304	Gnrl Trans	80	10	100	100		1.0M	200u			150 J	TO-3
-	SE9304	Swampscott	80	10	100	100		1.0M	200u			150 J	TO-3
-	SE9304	CentralSemi	80	10	100	100		1.0M	200u			150 J	TO-3
80	BDX85B	See Index	80	10	100	750	18k	10M	500u			175 J	TO-3
-	TIP601	See Index	80	10	100	1.0k	20k		50u	350n	2.4u	175 J	TO-3
-	2N6385	See Index	80	10	100	1.0k	20k	20M	1.0m			175 J	TO-3
-	BDX83B	See Index	80	10	125	750		20M	1.0m			150 J	TO-3
85	BDV65A	See Index	80	10	125	1.0k	1.5k	70k	1.0m		1.0u	150 J	TO-247
-	TIP141	See Index	80	10	125	1.0k			1.0m	900n	11u	150 J	TO-247
-	MJ3001	See Index	80	10	150	1.0k			400u			175 J	TO-3
-	TIP641	See Index	80	10	175	500	5.0k	1.0M	1.0m	900n		175 J	TO-3
-	BDW93B	See Index	80	12	80	750	20k		100u		5.0u	150 J	TO-220AB
-	BDX65A	See Index	80	12	117	1.5k		7.0M	400u			175 J	TO-3
90	BDX87B	See Index	80	12	120	750	18k	10M	500u			175 J	TO-3
-	BDT65A	AmperexElec	80	12	125	1.0k							TO-220AB
-	BDT65A	NthAmerSemi	80	12	125	1.0k							TO-220AB
-	BDT65A	PhilipsElec	80	12	125	1.0k							TO-220AB
-	2N6058	See Index	80	12	150	750	18k	4.0M	1.0m		1.5u	175 J	TO-3
95	PMD10K80	CentralSemi	80	12	150	1.0k	20k		200u			175 J	TO-3
-	PMD10K80	Lambda Semi	80	12	150	1.0k	20k		200u			175 J	TO-3
-	TIP101	See Index	80	15	2.0	1.0k	20k		50u	350n	2.4u	150 S	TO-220AB