

PNP Transistors



DARLINGTON

Type No.	Case Style	VCBO (V) Min	VCES* VCEO (V) Min	VEBO (V) Min	ICES* ICEX† (μA) Max	@ VCB (V)	hFE			IC (A)	& VCE (V)	VCE(SAT) (V)		VBE(SAT) (V)	@ IC (A)	Cob (pF) Max	fT (MHz)		@ IC (A)	Process No.
							Min	Max				Max	& Min	Max			Min	Max		
D41K1	TO-202 (55)		30*	13	0.5	30	10,000			0.2	5	1.5		2.5	1.5		100		0.02	61
D41K2	TO-202 (55)		50*	13	0.5	50	10,000			0.2	5	1.5		2.5	1.5		100		0.02	61
D41K3	TO-202 (55)		30*	13	0.5	30	10,000			0.2	5	1.5		2.5	1		100		0.02	61
D41K4	TO-202 (55)		50*	13	0.5	50	10,000			0.2	5	1.5		2.5	1		100		0.02	61
MPSA62	TO-92 (92)		20*		0.1	15	20,000			10	5	1.0			10				0.01	61
MPSA63	TO-92 (92)		30*		0.1	30	10,000			100	5	1.5			100		125		0.01	61
MPSA64	TO-92 (92)		30*		0.1	30	20,000			100	5	1.5			100		125		0.01	61
MPSA65	TO-92 (92)		30*		0.1	30	50,000			0.01	5	1.5					100		0.01	61
MPSA66	TO-92 (92)		30*		0.1	30	75,000			0.01	5	1.5					100		0.01	61
NSDU95	TO-202 (55)	50		10			25,000			0.2	5	1.5			1		50		0.02	61
NSDU95A	TO-202 (55)	60		10			25,000			0.2	5	1.5			1		50		0.02	61
2N6034	TO-126		40		500	40	100			4	3	2.0			2	200	25		0.75	5J
2N6035	TO-126		60		500	60	750	15,000		2	3	3.0		4.0	4		25		0.75	5J
2N6036	TO-126		80		500	80	100			4	3	2.0			2	200	25		0.75	5J
2N6040	TO-220		60		500†	60	1000	20,000		4	4	2.0			4	300				5J
2N6041	TO-220		80		500†	80	1000	20,000		4	4	2.0			4	300				5J
MJE700	TO-126		60		200	60	750			1.5	3	2.5			1.5		1		1.5	-5J
MJE701	TO-126		60		200	60	750	2		3	2.8				2		1		1.5	5J
MJE702	TO-126		80		200	80	750			1.5	3	2.5			1.5		1		1.5	5J
MJE703	TO-126		80		200	80	750			2	3	2.8			2		1		1.5	5J

Substitution Guide for Non-Listed Power Part Types

Industry Part No.	Package	NSC Part No.	Package	Industry Part No.	Package	NSC Part No.	Package
2N2102	TO-39	TN2102	TO-237	2N6411	TO-126 (rev)	MJE210	TO-126
2N2218A	TO-18	TN2218A	TO-237	2N6412	TO-126 (rev)	MJE180	TO-126
2N2219A	TO-18	TN2219A	TO-237	2N6413	TO-126 (rev)	MJE181	TO-126
2N2905	TO-18	TN2905	TO-237	2N6414	TO-126 (rev)	MJE170	TO-126
2N3019	TO-39	TN3019	TO-237	2N6415	TO-126 (rev)	MJE171	TO-126
2N3020	TO-39	TN3020	TO-237	2N6416	TO-126 (rev)	MJE241	TO-126
2N3053	TO-39	TN3053	TO-237	2N6417	TO-126 (rev)	MJE243	TO-126
2N3054	TO-66	NSP3054	TO-220	2N6418	TO-126 (rev)	MJE251	TO-126
2N3724	TO-39	TN3724	TO-237	2N6419	TO-126 (rev)	MJE253	TO-126
2N3725	TO-39	TN3725	TO-237	2N6465	TO-66	TIP41C	TO-220
2N3735	TO-39	TN3735	TO-237	2N6530	TO-220	TIP101	TO-220
2N3740	TO-66	NSP3740	TO-220	2N6531	TO-220	TIP102	TO-220
2N3741	TO-66	NSP3741	TO-220	BD575	Mot Case 199	NSP575	TO-220
2N4033	TO-39	TN4033	TO-237	BD576	Mot Case 199	NSP576	TO-220
2N4037	TO-39	TN4037	TO-237	BD577	Mot Case 199	NSP577	TO-220
2N4063	TO-37	MJE3439	TO-126	BD578	Mot Case 199	NSP578	TO-220
2N4064	TO-37	MJE3440	TO-126	BD579	Mot Case 199	NSP579	TO-220
2N5974	TO-127	NSP5974	TO-220	BD579	Mot Case 199	NSP578	TO-220
2N5975	TO-127	NSP5975	TO-220	BD580	Mot Case 199	NSP580	TO-220
2N5976	TO-127	NSP5976	TO-220	BD581	Mot Case 199	NSP581	TO-220
2N5977	TO-127	NSP5977	TO-220	BD582	Mot Case 199	NSP582	TO-220
2N5978	TO-127	NSP5978	TO-220	BD585	Mot Case 199	NSP585	TO-220
2N5979	TO-127	NSP5979	TO-220	BD586	Mot Case 199	NSP586	TO-220
2N5980	Mot Case 90	2N6489	TO-220	BD587	Mot Case 199	NSP587	TO-220
2N5981	Mot Case 90	MJE2955T	TO-220	BD588	Mot Case 199	NSP588	TO-220
2N5982	Mot Case 90	2N6491	TO-220	BD589	Mot Case 199	NSP589	TO-220
2N5983	Mot Case 90	MJE3055T	TO-220	BD590	Mot Case 199	NSP590	TO-220
2N5984	Mot Case 90	MJE3055T	TO-220	BD595	Mot Case 199	NSP595	TO-220
2N5985	Mot Case 90	2N6488	TO-220	BD596	Mot Case 199	NSP596	TO-220
2N6021	TO-220	2N6126	TO-220	BD597	Mot Case 199	NSP597	TO-220
2N6022	TO-220	2N6126	TO-220	BD601	Mot Case 199	NSP601	TO-220
2N6023	TO-220	2N6124	TO-220	BD602	Mot Case 199	NSP602	TO-220
2N6024	TO-220	2N6124	TO-220	BD603	Mot Case 199	NSP603	TO-220
2N6025	TO-220	2N6125	TO-220	BD604	Mot Case 199	NSP604	TO-220
2N6026	TO-220	2N6125	TO-220	BD605	Mot Case 199	NSP605	TO-220
2N6040	Mot Case 199	TIP125	TO-220	BD606	Mot Case 199	NSP606	TO-220
2N6041	Mot Case 199	TIP126	TO-220	BD607	Mot Case 199	NSP607	TO-220
2N6042	Mot Case 199	TIP127	TO-220	BD608	Mot Case 199	NSP608	TO-220
2N6043	Mot Case 199	TIP120	TO-220	BD609	Mot Case 199	NSP609	TO-220
2N6044	Mot Case 199	TIP121	TO-220	BD610	Mot Case 199	NSP610	TO-220
2N6045	Mot Case 199	TIP122	TO-220	BD695	Mot Case 199	NSP695	TO-220
2N6098	TO-220	2N6099	TO-220	BD695A	Mot Case 199	NSP695A	TO-220
2N6100	TO-220	2N6101	TO-220	BD700	Mot Case 199	NSP700	TO-220
2N6101	TO-220	2N6101	TO-220	BD700A	Mot Case 199	NSP700A	TO-220
2N6102	TO-220	2N6102	TO-220	BD701	Mot Case 199	NSP701	TO-220
2N6103	TO-220	2N6103	TO-220	BD702	Mot Case 199	NSP702	TO-220
2N6106	TO-220	2N6107	TO-220	D45E1	TO-220	TIP125	TO-220
2N6108	TO-220	2N6109	TO-220	D45E2	TO-220	TIP125	TO-220
2N6109	TO-220	2N6109	TO-220	D45E3	TO-220	TIP126	TO-220
2N6110	TO-220	2N6111	TO-220	FT2955	TO-220	MJE2955T	TO-220
2N6111	TO-220	2N6111	TO-220	FT3055	TO-220	MJE3055T	TO-220
2N6175	Plastic TO-5	2N5656	TO-126	MJE29	Mot Case 199	TIP29	TO-220
2N6176	Plastic TO-5	2N5656	TO-126	MJE29A	Mot Case 199	TIP29A	TO-220
2N6177	Plastic TO-5	2N5657	TO-126	MJE29B	Mot Case 199	TIP29B	TO-220
2N6178	Plastic TO-5	MJE182	TO-126	MJE29C	Mot Case 199	TIP29C	TO-220
2N6179	Plastic TO-5	MJE181	TO-126	MJE30	Mot Case 199	TIP30	TO-220
2N6180	Plastic TO-5	MJE172	TO-126	MJE30A	Mot Case 199	TIP30A	TO-220
2N6181	Plastic TO-5	MJE171	TO-126	MJE30B	Mot Case 199	TIP30B	TO-220
2N6406	TO-126 (rev)	MJE171	TO-126	MJE30C	Mot Case 199	TIP30C	TO-220
2N6407	TO-126 (rev)	MJE172	TO-126	MJE33	Mot Case 199	TIP41	TO-220
2N6408	TO-126 (rev)	MJE181	TO-126	MJE33A	Mot Case 199	TIP41A	TO-220
2N6409	TO-126 (rev)	MJE182	TO-126	MJE33B	Mot Case 199	TIP41B	TO-220
2N6410	TO-126 (rev)	MJE200	TO-126	MJE33C	Mot Case 199	TIP41C	TO-220