

T-33-31

PNP Transistor

6501130 NATL SEMICOND, (DISCRETE)

28C 35465 D



DARLINGTON

Type No.	Case Style	VCBO (V) Min	VCE [*] V _{CEO} (V) Min	VEBO (V) Min	I _{CE^s} I _{CEX^t} (μA) Max	V _{CB} (V) Max	hFE Min Max	I _C (A) & V _{CE} (V)	V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Min Max	I _C (A) Max	C _{ob} (pF) Max	f _T (MHz) Min Max	I _C (A) Max	Process No.
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			15,000	0.5 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	0.05 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	4 4	2.0		4	300			5J
2N6041	TO-220		80		500†	80	1000	8 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	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

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28C 35466

DARLINGTON (Continued)

Type No.	Case Style	V _{CE0} (V) Min	V _{CE0} (V) Min	V _{CE0} (V) Min	V _{BE0} (V) Min	ICES* (μA) Max	IC @ V _{CE} (A) & V _{CE} (V)	hFE Min	hFE Max	IC @ (A) & V _{CE} (V)	V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Min	V _{BE(SAT)} (V) Max	IC @ (A)	C _{ob} (pF) Max	f _T (MHz) Min	f _T (MHz) Max	IC (A)	Process No.
TIP115	TO-220	60	60	60	60	1 mA	2 4 1 4	500 1000	2 4 1 4	2 4 1 4	2.5			2					5J
TIP116	TO-220	80	80	80	80	1 mA	2 4 1 4	500 1000	2 4 1 4	2 4 1 4	2.5			2					5J
TIP117	TO-220	100	100	100	100	1 mA	2 4 1 4	500 1000	2 4 1 4	2 4 1 4	2.5			2					5J
TIP125	TO-220	60	60	60	60	200	3 3 3 3	1000 1000	3 3 3 3	3 3 3 3	4.0 2.0			5 3					5J
TIP126	TO-220	80	80	80	80	200	3 3 3 3	1000 1000	3 3 3 3	3 3 3 3	4.0 2.0			5 3					5J
TIP127	TO-220	100	100	100	100	200	3 3 3 3	1000 1000	3 3 3 3	3 3 3 3	4.0 2.0			5 3					5J
2N6042	TO-220	100	100	100	100	500†	4 4 4 4	1000 100	20,000 8 4	4 4 4 4	2.0			4	300				5K
SE9400	TO-220	60	60	60	60		1 3 4 3	750 1000	1 3 4 3	1 3 4 3	2.0			4					5K
SE9401	TO-220	80	80	80	80		7.5 3 7.5 3	100 100	7.5 3 7.5 3	7.5 3 7.5 3	2.5			4		1		4	5K
SE9402	TO-220	100	100	100	100		7.5 3 7.5 3	100 100	7.5 3 7.5 3	7.5 3 7.5 3	2.5			4		1		4	5K
TIP105	TO-220	60	60	60	60		3 4 3 4	1000 200	20,000 8 4	3 4 3 4	2.0			3.0					5K
TIP106	TO-220	80	80	80	80		3 4 3 4	1000 200	20,000 8 4	3 4 3 4	2.0			3					5K
TIP107	TO-220	100	100	100	100		3 4 3 4	1000 200	20,000 8 4	3 4 3 4	2.0			3					5K
TIP135	TO-220	60	60	60	60	200	4 4 4 4	1000 500	15,000 1 4	4 4 4 4	3.0			6	200				5K
TIP136	TO-220	80	80	80	80	200	4 4 4 4	1000 500	15,000 1 4	4 4 4 4	3.0			6	200				5K
TIP137	TO-220	100	100	100	100	200	4 4 4 4	1000 500	15,000 1 4	4 4 4 4	3.0			6	200				5K

NP Transistors

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