

### NPN Darlington (continued)

Device No.	Case Style	V <sub>CBO</sub> (V) Min	V <sub>CE5</sub> (V) Min	V <sub>EBO</sub> (V) Min	I <sub>CBO</sub> (μA) Max	V <sub>CB</sub> (V)	h <sub>FE</sub>		I <sub>c</sub> @ (mA)	V <sub>CE(SAT)</sub> (V) Max	V <sub>BE(SAT)</sub> (V) @ I <sub>c</sub> (mA)		C <sub>ob</sub> (pF) Max	f <sub>T</sub> (MHz) Min	I <sub>c</sub> (mA)	Process No.
							Min	Max			Min	Max				
MPSA14	TO-92 (92)	30	30	10	0.1	30	20,000	10,000	100	1.5	100	100		125	10	05 (5-164)
TN6725A	TO-226 (99)	50		12	0.1	40	25,000	15,000	200	1	200	200				05
2N7052	TO-92 (92)	100	100	12	0.1	80	20,000	10,000	100	1.5	100	100	10	100	100	06
2N7053	TO-92 (92)	100	100	12	0.1	80	10,000	10,000	100	1.5	100	100	8	100	100	06 (5-150)

### NPN Bipolar Power Transistors

Device No.	Case Style	V <sub>CBO</sub> (V) Min	V <sub>CEO</sub> (V) Min	V <sub>EBO</sub> (V) Min	I <sub>CBO</sub> (μA) Max	V <sub>CB</sub> (V)	h <sub>FE</sub>		I <sub>c</sub> @ (A)	V <sub>CE(SAT)</sub> (V) Max	V <sub>BE(SAT)</sub> (V) @ I <sub>c</sub> (A)		C <sub>ob</sub> (pF) Max	f <sub>T</sub> (MHz) Min	I <sub>c</sub> (mA)	Process No.
							Min	Max			Min	Max				
D44C8	TO-220 (37)		60	5	100	70	40	20	0.2	0.5	1.3	1	100	3	0.02	4P
D44H1	TO-220 (37)		30	5	10	30	35	20	2	1	1.5	8				4Q
D44H8	TO-220 (37)		60	5	10	60	60	40	2	1	1.5	8		50	0.5	4Q (5-216)
D44H11	TO-220 (37)		80	5	10	80	60	40	2	1	1.5	8				4Q

NOTE: National preferred device for each process in bold. Number shown in parentheses indicates location (section-page) of device datasheet.