

Small-signal Transistors

Selection guide

LEADED DEVICES (continued)

NPN LOW-POWER DARLINGTON TRANSISTORS

TYPE NUMBER	PACKAGE	V _{CES} max. (V)	I _C max. (mA)	P _{tot} max. (mW)	h _{FE} min.	h _{FE} max.	f _T min. (MHz)	t _{off} max. (ns)	PNP COMPL.	PAGE
2N6427	TO-92	30	500	625	10000	100000	125	–	–	188
BC517	TO-92	30	500	500	30000	>30000	220 typ.	–	BC516	258
BC617	TO-92	40	800	500	4000	>4000	155	–	–	279
BC618	TO-92	55	800	500	2000	>2000	155	–	–	279
MPSA13	TO-92	30	500	500	5000	>5000	125	–	MPSA63	816
MPSA14	TO-92	30	500	500	10000	>10000	125	–	MPSA64	816
MPSA25	TO-92	40	500	500	10000	>10000	125	–	MPSA75	819
MPSA26	TO-92	50	500	500	10000	>10000	125	–	MPSA76	819
MPSA27	TO-92	60	500	500	10000	>10000	125	–	MPSA77	819

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BC516	TO-92	30	500	500	30000	>30000	220 typ.	BC517	255
MPSA63	TO-92	30	500	500	5000	>5000	125	MPSA13	830
MPSA64	TO-92	30	500	500	10000	>10000	125	MPSA14	830