

Small-signal Transistors

Selection guide

LEADED DEVICES (continued)

NPN MEDIUM-POWER SWITCHING TRANSISTORS

TYPE NUMBER	PACKAGE	V _{CEO} 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
2N2219	TO-39	30	800	800	100	300	250	250	2N2905	117
2N2219A	TO-39	40	800	800	100	300	300	250	2N2905A	117
BFX34	TO-39	60	2000	870	40	150	70	1200	–	614
BFX85	TO-39	60	1000	800	70	>70	50	360 typ.	–	616
BSW66A	TO-39	100	1000	800	30	>30	130 typ.	900 typ.	–	744
BSW67A	TO-39	120	1000	800	30	>30	130 typ.	900 typ.	–	744
BSW68A	TO-39	150	1000	800	30	>30	130 typ.	900 typ.	–	744
BSX32	TO-39	40	1000	800	20	>60	300	60	–	750
BSX59	TO-39	45	1000	800	30	90	250	60	–	756
BSX61	TO-39	45	1000	800	30	90	250	100	–	756
BSX62	TO-39	40	3000	5000	63	250	70 typ.	1500	–	759
BSX62-10	TO-39	40	3000	5000	63	160	70 typ.	1500	–	759
BSX62-16	TO-39	40	3000	5000	100	250	70 typ.	1500	–	759
BSX63	TO-39	60	3000	5000	63	250	70 typ.	1500	–	759
BSX63-10	TO-39	60	3000	5000	63	160	70 typ.	1500	–	759
BSX63-16	TO-39	60	3000	5000	100	250	70 typ.	1500	–	759

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2N4036	TO-39	65	1000	7000	20	200	60	700	P _{tot} @ T _{mb} = ≤25 °C	159

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BDX35	TO-126	60	5000	1250	45	450	350 typ.	500	513
BDX36	TO-126	60	5000	1250	45	450	350 typ.	500	513
BDX37	TO-126	80	5000	1250	45	450	350 typ.	500	513