

## Small-signal Transistors

## Selection guide

## LEADED DEVICES (continued)

## NPN MEDIUM-POWER DARLINGTON TRANSISTORS

TYPE NUMBER	PACKAGE	V <sub>CES</sub> max. (V)	I <sub>C</sub> max. (mA)	P <sub>tot</sub> max. (mW)	h <sub>FE</sub> min.	h <sub>FE</sub> max.	f <sub>T</sub> min. (MHz)	t <sub>off</sub> max. (ns)	PNP COMPL.	PAGE
BC875	TO-92	45	1000	830	1000	>1000	200 typ.	1300	BC876	363
BC877	TO-92	60	1000	830	1000	>1000	200 typ.	1300	BC878	363
BC879	TO-92	80	1000	830	1000	>1000	200 typ.	1300	BC880	363
BSR50	TO-92	45	1000	830	2000	>2000	200 typ.	1300	BSR60	705
BSR51	TO-92	60	1000	830	2000	>2000	200 typ.	1300	BSR61	705
BSR52	TO-92	80	1000	830	2000	>2000	200 typ.	1300	BSR62	705
BSS50	TO-39	45	1000	800	2000	>2000	200 typ.	1500 typ.	–	713
BSS51	TO-39	60	1000	800	2000	>2000	200 typ.	1500 typ.	BSS61	713
BSS52	TO-39	80	1000	800	2000	>2000	200 typ.	1500 typ.	BSS62	713

## PNP MEDIUM-POWER DARLINGTON TRANSISTORS

TYPE NUMBER	PACKAGE	V <sub>CES</sub> max. (V)	I <sub>C</sub> max. (mA)	P <sub>tot</sub> max. (mW)	h <sub>FE</sub> min.	h <sub>FE</sub> max.	f <sub>T</sub> min. (MHz)	t <sub>off</sub> max. (ns)	PNP COMPL.	PAGE
BC876	TO-92	45	1000	830	1000	>1000	200 typ.	700	BC875	366
BC878	TO-92	60	1000	830	1000	>1000	200 typ.	700	BC877	366
BC880	TO-92	80	1000	830	1000	>1000	200 typ.	700	BC879	366
BSR60	TO-92	45	1000	830	2000	>2000	200 typ.	–	BSR50	709
BSR61	TO-92	60	1000	830	2000	>2000	200 typ.	–	BSR51	709
BSR62	TO-92	80	1000	830	2000	>2000	200 typ.	–	BSR52	709
BSS61	TO-39	60	1000	800	2000	>2000	200 typ.	–	BSS51	716
BSS62	TO-39	80	1000	800	2000	>2000	200 typ.	–	BSS52	716