

## Small-signal Transistors

## Selection guide

## LEADED DEVICES (continued)

## NPN HIGH-VOLTAGE POWER TRANSISTORS

TYPE NUMBER	PACKAGE	V <sub>CEO</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)	PNP COMPL.	PAGE
BF419	TO-126	250	300	6000	45 typ.	>45	90	–	532
BF457	TO-126	160	100	6000	26	>26	90 typ.	–	544
BF458	TO-126	250	100	6000	26	>26	90 typ.	–	544
BF459	TO-126	300	100	6000	26	>26	90 typ.	–	544
BF469	TO-126	250	50	1800	50	>50	60	BF470	547
BF471	TO-126	300	50	1800	50	>50	60	BF472	547
BF583	TO-202	250	50	1600	50	>50	70	–	562
BF585	TO-202	300	50	1600	50	>50	70	–	562
BF587	TO-202	350	50	1600	50	>50	70	–	562
BF591	TO-202	170	150	1300	30	>30	30	–	566
BF593	TO-202	210	150	1300	30	>30	30	–	566
BF819	TO-202	250	100	1200	45 typ.	>45	90 typ.	–	576
BF857	TO-202	160	100	2000	26	>26	90	–	590
BF858	TO-202	250	100	2000	26	>26	90	–	590
BF859	TO-202	300	100	2000	26	>26	90	–	590
BF869	TO-202	250	50	1600	50	>50	60	BF870	592
BF871	TO-202	300	50	1600	50	>50	60	BF872	592
BFV469	TO-126	100	100	2000	150	>150	150	video applications	608

## PNP HIGH-VOLTAGE POWER TRANSISTORS

TYPE NUMBER	PACKAGE	V <sub>CEO</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)	NPN COMPL.	PAGE
BF470	TO-126	250	50	1800	50	>50	60	BF469	549
BF472	TO-126	300	50	1800	50	>50	60	BF471	549
BF588	TO-202	300	50	1600	50	>50	70	–	564
BF870	TO-202	250	50	1600	50	>50	60	BF869	594
BF872	TO-202	300	50	1600	50	>50	60	BF871	594