

## Small-signal Transistors

## Selection guide

## LEADED DEVICES (continued)

## PNP GENERAL PURPOSE MEDIUM-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
2N4031	TO-39	80	1000	800	25	>25	100	–	156
2N4033	TO-39	80	1000	800	70	>70	150	–	156
BC160	TO-39	40	1000	3700	63	250	50	BC140	228
BC160-10	TO-39	40	1000	3700	63	160	50	BC140-10	228
BC160-16	TO-39	40	1000	3700	100	250	50	BC140-16	228
BC161	TO-39	60	1000	3700	63	250	50	BC141	228
BC161-10	TO-39	60	1000	3700	63	160	50	BC141-10	228
BC161-16	TO-39	60	1000	3700	100	250	50	BC141-16	228
BC369	TO-92	20	1000	830	85	375	40	BC368	252
BC369-16	TO-92	20	1000	830	100	250	40	BC368-16	252
BC369-25	TO-92	20	1000	830	160	>160	40	BC368-25	252
BC636	TO-92	45	1000	830	40	250	100	BC635	286
BC636-10	TO-92	45	1000	830	63	160	100	BC635-10	286
BC636-16	TO-92	45	1000	830	100	250	100	BC635-16	286
BC638	TO-92	60	1000	830	40	250	100	BC637	286
BC638-10	TO-92	60	1000	830	63	160	100	BC637-10	286
BC638-16	TO-92	60	1000	830	100	250	100	BC637-16	286
BC640	TO-92	80	1000	830	40	250	100	BC639	286
BC640-10	TO-92	80	1000	830	63	160	100	BC639-10	286
BC640-16	TO-92	80	1000	830	100	250	100	BC639-16	286
BSV15	TO-39	40	1000	800	63	250	50	–	736
BSV15-10	TO-39	40	1000	800	63	160	50	–	736
BSV15-16	TO-39	40	1000	800	100	250	50	–	736
BSV16	TO-39	60	1000	800	63	250	50	–	736
BSV16-10	TO-39	60	1000	800	63	160	50	–	736
BSV16-16	TO-39	60	1000	800	100	250	50	–	736
BSV17	TO-39	80	1000	800	63	250	50	–	736
BSV17-10	TO-39	80	1000	800	63	160	50	–	736