

## Small-signal Transistors

## Selection guide

## LEADED DEVICES (continued)

## NPN HIGH-VOLTAGE LOW-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
2N5550	TO-92	140	300	630	60	>60	100	2N5400	184
2N5551	TO-92	160	300	630	80	>80	100	2N5401	184
BF420L	TO-92	300	50	625	50	>50	60	BF421L	536
BF422L	TO-92	250	50	625	50	>50	60	BF423L	536
MPSA42	TO-92	300	100	500	40	>40	50	MPSA92	822
MPSA43	TO-92	200	100	500	40	>40	50	MPSA93	822
MPSA44	TO-92	400	300	625	40	>40	20	–	825
MPSA45	TO-92	350	300	625	40	>40	20	–	825
PN3439	TO-92	350	100	500	30	>30	70	MPSA93	1084
PN3440	TO-92	250	100	500	40	>40	70	MPSA92	1084

## PNP HIGH-VOLTAGE LOW-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
2N5400	TO-92	120	300	630	40	>40	100	2N5550	177
2N5401	TO-92	150	300	630	60	>60	100	2N5551	177
BF421L	TO-92	300	50	625	50	>50	60	BF420L	540
BF423L	TO-92	250	50	625	50	>50	60	BF422L	540
MPSA92	TO-92	300	500	625	25	>25	50	MPSA42	833
MPSA93	TO-92	200	500	625	25	>25	50	MPSA43	833
PH5416	TO-92	300	1000	500	30	120	15	–	954