

Small-signal Transistors

Selection guide

LEADED DEVICES (continued)

NPN LOW-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
2N2222	TO-18	30	800	500	100	300	250	250	2N2907A	121
2N2222A	TO-18	40	800	500	100	300	300	250	2N2907A	121
2N2369	TO-18	15	200	360	40	120	500	30	–	125
2N2369A	TO-18	15	200	360	40	>40	500	30	–	125
2N3904	TO-92	40	200	500	100	300	300	240	2N3906	150
2N4401	TO-92	40	600	630	150	300	250	250	2N4403	165
BCY58	TO-18	32	100	340	120	630	150	800	BCY78	458
BCY58/VII	TO-18	32	100	340	120	220	150	800	BCY78/VII	458
BCY58/VIII	TO-18	32	100	340	180	310	150	800	BCY78/VIII	458
BCY58/IX	TO-18	32	100	340	250	460	150	800	BCY78/IX	458
BCY58/X	TO-18	32	100	340	380	630	150	800	BCY78/X	458
BCY59	TO-18	45	100	340	120	630	150	800	BCY79	458
BCY59/VII	TO-18	45	100	340	120	220	150	800	BCY79/VII	458
BCY59/VIII	TO-18	45	100	340	180	310	150	800	BCY79/VIII	458
BCY59/IX	TO-18	45	100	340	250	460	150	800	BCY79/IX	458
BCY59/X	TO-18	45	100	340	380	630	150	800	BCY79/X	458
BSX20	TO-18	15	200	360	40	120	500	30	–	747
MPS3904	TO-92	40	100	500	100	300	180	990	MPS3906	806
PH2222	TO-92	30	600	500	75	>75	250	250	PH2907	942
PH2222A	TO-92	40	600	500	75	>75	300	250	PH2907A	942
PH2369	TO-92	15	200	500	40	120	500	30	–	946
PH2369A	TO-92	15	200	500	40	120	500	30	–	946
PN2222	TO-92	30	600	500	100	300	250	250	–	1074
PN2222A	TO-92	40	600	500	100	300	300	250	PN2907A	1074
PN2369	TO-92	15	200	500	40	120	500	30	–	1078
PN2369A	TO-92	15	600	500	40	120	500	30	–	1078