



GENERAL PURPOSE AMPS AND SWITCHES (Cont.)

PNP Transistors

Type No.	Case Style	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	I _{CBO} (nA) Max	V _{CB} (V) @	h _{FE} @ I _C & V _{CE} (V)			V _{CE(sat)} (V) & V _{BE(sat)} (V) @ I _C (mA)			C _{ob} (pF) Max	f _T (MHz) @ I _C (mA)		t _{off} (ns) Max	NF (dB) Max	Test Condition	Process No.	
							Min	Max	Min	Max	Min	Max		Min	Max					Min
2N3502	TO-5	45	45	5	10	30	80	0.01	10	0.25	1.0	50	8	200	50	100	7	5	63	
							120	0.1	10	0.4	1.3	150								
							135	1	10	1.0	2.0	300								
							140	10	10	1.6	20	500								
							100	300	150	10										
							50	500	10											
2N3503	TO-5	60	60	5	10	50	80	0.01	10	0.25	1.0	50	8	200	50	100	4	7	5	63
							120	0.1	10	0.4	1.3	150								
							135	1	10	1.0	2.0	300								
							140	10	10	1.6	20	500								
							100	300	150	10										
							50	500	10											
2N3504	TO-18	45	45	5	10	30	80	0.01	10	0.25	1.0	50	8	200	50	100	4	7	5	63
							120	0.1	10	0.4	1.3	150								
							135	1	10	1.0	2.0	300								
							140	10	10	1.6	20	500								
							100	300	150	10										
							50	500	10											
2N3505	TO-18	60	60	5	10	50	80	0.01	10	0.25	1.0	50	8	200	50	100	4	7	5	63
							120	0.1	10	0.4	1.3	150								
							135	1	10	1.0	2.0	300								
							140	10	10	1.6	20	500								
							100	300	150	10										
							50	500	10											
2N3638	TO-105	25	25	4	35	15	30	50	2	1.0	0.8	2.0	300	20	100	50	170	4	63	
							20	300	1	0.25	1.1	50								
							80	1	2	1.0	0.8	2.0	300							
							100	10	1	0.15	1.1	50								
							100	50	10											
							20	300	10											
2N3644	TO-105	45	45	5	35	30	40	0.1	10	1.0	0.8	2.0	300	8	200	20	100	7	63	
							80	1	10											
							100	10	10											
							115	300	50	10										
							100	300	150	2										
							20	300	1											
2N3645	TO-105	60	60	5	35	50	40	0.1	10	1.0	0.8	2.0	300	8	200	20	100	7	63	
							80	1	10	0.25	1.0	50								
							100	10	10											
							115	300	50	10										
							100	300	150	2										
							20	300	1											
2N3905	TO-92(72)	40	40	5			30	0.1	1	0.25	0.65	0.65	10	4.5	200	10	5	2	66	
							40	1	1	0.4	0.95	50								
							50	150	1											
							30	50	1											
							15	100	1											