



## SATURATED SWITCHES (Cont.)

## PNP Transistors

Type No.	Case Style	V <sub>CBO</sub> (V) Min	V <sub>CEO</sub> (V) Min	V <sub>EBO</sub> (V) Min	I <sub>CBO</sub> (nA) @ V <sub>CB</sub> (V) Max	h <sub>FE</sub>		I <sub>C</sub> (mA) & V <sub>CE</sub> (V)	V <sub>CE(sat)</sub> (V) & V <sub>BE(sat)</sub> (V) @ I <sub>C</sub> (mA)			C <sub>ob</sub> (pF) Max	f <sub>T</sub> (MHz) @ I <sub>C</sub> (mA)		t <sub>off</sub> (ns) Max	NF (dB) Max	Test Condition	Process No.	
						Min	Max		Max	Min	Max		Min	Max					Min
2N3250	TO-18	50	40	5		40	0.1	1	0.25	0.6	0.9	10	6	250	10	225	6	7 4	69
						45	1	1	0.5	1.2	50								
						50	10	1											
						15	150	1											
2N3250A	TO-18	60	60	5		40	0.1	1	0.25	0.6	0.9	10	6	250	10	225	6	7 4	69
						45	1	1	0.5	1.2	50								
						50	10	1											
						15	150	1											
JAN2N3250A	TO-18	60	60	5		40	0.1	1	0.25	0.6	0.9	10	6	250	10	225	6	7 4	69
						45	1	1	0.5	1.2	50								
						50	10	1											
						15	150	1											
JANTXV2N3250A	TO-18	60	60	5		40	0.1	1	0.25	0.6	0.9	10	6	250	10	225	6	7 4	69
						45	1	1	0.5	1.2	50								
						50	10	1											
						15	150	1											
2N3251	TO-18	50	40	5		80	0.1	1	0.25	0.6	0.9	10	6	300	10	250	6	7 4	69
						90	1	1	0.5	1.2	50								
						100	300	10											
						30	50	1											
2N3251A	TO-18	60	60	5		80	0.1	1	0.25	0.6	0.9	10	6	300	10	250	6	7 4	69
						90	1	1	0.5	1.2	50								
						100	300	10											
						30	50	1											
JAN2N3251A	TO-18	60	60	5		80	0.1	1	0.25	0.6	0.9	10	6	300	10	250	6	7 4	69
						90	1	1	0.5	1.2	50								
						100	300	10											
						30	50	1											
JANTX2N3251A	TO-18	60	60	5		80	0.1	1	0.25	0.6	0.9	10	6	300	10	250	6	7 4	69
						90	1	1	0.5	1.2	50								
						100	300	10											
						30	50	1											
JANTXV2N3251A	TO-18	60	60	5		80	0.1	1	0.25	0.6	0.9	10	6	300	10	250	6	7 4	69
						90	1	1	0.5	1.2	50								
						100	300	10											
						30	50	1											
2N3304	TO-52	6	6	4		30	120	10	0.3	0.15	0.7	0.8	1	3.5	500	10	60	5	65
						20	50	1	0.16	0.8	1	10							
						15	1	0.5	0.5	1.5	50								
2N3451	TO-52	6	6	4.0	10 I <sub>CES</sub>	30	120	10	0.3	0.16	0.8	1	10	5.5	500	10	25	6	65
						20	50	1	0.25	0.75	0.95	10/5							
2N3467	TO-5 (Lo Profile)	40	40	5	100 30	40	150	1	0.3	0.3	1	150	25	175	50	90	9	70	
						40	120	500	1	0.5	0.8	1.2							500
						40	1A	5	1	1.6	1A								