NPN Transistors

LOW LEVEL AMPS (Cont.)

Datasheet Directory

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} Min	h_{FE} Max	@ I_C (mA)	& V_{CE} (V)	$V_{CE(sat)}$ (V) Max	& $V_{BE(sat)}$ (V) Min	$V_{BE(sat)}$ (V) Max	@ I_C (mA)	C_{ob} (pF) Max	f_T (MHz) Min	f_T (MHz) Max	@ I_C (mA)	t_{off} (ns) Max	NF (dB) Max	Test Condition	Process No.
2N2483	TO-18	60	60	6	10	45	40	120	0.01	5	0.35	0.5	0.7	1	6	60		0.5		4	4	07
							75		0.1	5										3	2	
							175		1	5										4	5	
2N2484	TO-18	60	60	6	10	45	100	500	0.01	5	0.35	0.5	0.7	1	6	60		0.5		3	4	07
							175		0.1	5										2	2	
							250		1	5										3	5	
2N2509	TO-18	125	80	7	5	100	25		0.01	5	1		0.9	5	6	45		5		7	4	07
							40		10	5												
2N2510	TO-18	100	65	7	5	80	75		0.01	5	1		0.9	5	6	45		5		4	4	07
							150	500	10	5												
2N2511	TO-18	80	50	7	5	60	80		0.001	5	1		0.9	5	6	45		5		4	4	07
							120		0.01	5												
							240	750	10	5												
2N2586	TO-18	60	45	6	2	45	80		0.001	5	0.5	0.7	0.9	10	7	45		0.5		3	4	07
							120	360	0.01	5										2	2	
							150		0.5	5												
								600	10	5												
2N3117	TO-18	60	60	6	10	45	250	500	0.01	5	0.35		0.7	1	8	60		0.5		1	6	07
							300		0.1	5										1	7	
							400		1	5												
2N3565	TO-106	30	25	6	50	25	150	600	1	10					4	40	240	1				07
2N3691	TO-106	35	20	4	50	15	40	160	10	1	0.7		0.9	10	3.5	200		10				23
2N3692	TO-106	35	20	4	50	15	100	400	10	1	0.7		0.9	10	3.5	200		10				23
2N3709	TO-92(74)		30		100	20	45	165	1	5	1			10								07
2N3877	TO-92(74)	70	70	4	500	70	20	250	2	4.5		0.5	0.9	10								07
2N3877A	TO-92(74)	85	85	4	500	70	20	250	2	4.5		0.5	0.9	10								07
2N3900A	TO-92(74)	18	18	5	100	18	250	500	2	4.5					12					5	13	07
2N4384	TO-18	40	30	5	10	30	60		0.001	5	0.2	0.65	0.8	10	8	30	120	0.5		2	5	07
							100	500	0.01	5												
							120		1	5												
							150		10	5												
2N4386	TO-18	40	30	5	10	30	40	500	0.01	5	0.2	0.65	0.8	10	8	30	120	0.5		3	5	07
							100		1	5												
							120		10	5												
2N4409	TO-92(72)	80	50	5	10	60	60		1	1	0.2		0.8	1.0	12	60	300	10				07
							60	400	10	1												
2N4410	TO-92(72)	120	80	5	10	100	60		1	1	0.2		0.8	1.0	12	60	300	10				07
							60	400	10	1												
2N4966	TO-106	50	40	6	25	25	40	200	0.01	5	0.4				6	40		1		6	4	07
							50		10	5												
2N4967	TO-106	50	40	6	25	25	100	600	0.01	5	0.4				6	40		1		6	4	07
							120		10	5												