

NPN Transistors



LOW LEVEL AMPS (Continued)

Type No.	Case Style	VCBO (V) Min	VCEO (V) Min	VEBO (V) Min	ICBO (nA) Max	VCB (V) @	hFE Min	hFE Max	IC (mA) @	VCE (V) &	VCE(SAT) (V) Max	VBE(SAT) (V) Min	VBE(SAT) (V) Max	IC (mA) @	Cob (pF) Max	fT (MHz) Min	fT (MHz) Max	IC (mA) @	NF (dB) Max	Test Conditions	Process No.
2N4410	TO-92 (92)	120	80	5	10	100	60	400	10	1	0.2		0.8	1	12	60	300	10			07
2N4966	TO-92 (92)	50	40	6	25	25	40	200	0.01	5	0.4			10	6	40		1			07
2N4967	TO-92 (92)	50	40	6	25	25	100	600	0.01	5	0.4			10	6	40		1			07
2N4968	TO-92 (92)	30	25	6	50	25	40	200	0.01	5	0.4			10	6						07
2N5088	TO-92 (92)	35	30		50	20	300		10	5	0.5			10	4				3	3	07
							350		1	5											
							300	900	100 μ A	5											
2N5089	TO-92 (92)	30	25		50	15	400		10	5	0.5			10	4				2	3	07
							450		1	5											
							400	1200	100 μ A	5											
2N5133	TO-92 (92)	20	18	3	50	15	60	1000	1 mA	5	0.4			1	5						07
2N5209	TO-92 (92)	50	50		50	35	150		10	5	0.7			10	4	30		0.5	4	5	07
							150		1	5											
							100	300	100 μ A	5											
2N5210	TO-92 (92)	50	50		50	35	250		10	5	0.7			10	4	30		0.5	3	4	07
							250		1	5											
							200	600	100 μ A	5											
2N5232	TO-92 (94)		50		30	50	250	500	2	5	0.125			10	4						07
2N5232A	TO-92 (94)		50		30	50	250	500	2	5	0.125			10	4				5	2	07
MPS3707	TO-92 (92)		30		100	20	100	400	100 μ A	5	1.0			10					5	4	07
MPS3708	TO-92 (92)		30		100	20	45	660	1	5	1.0			10							07
MPS3709	TO-92 (92)		30		100	20	45	165	1	5	1.0			10							07
MPS3710	TO-92 (92)		30		100	20	90	330	1	5	1.0			10							07
MPS3711	TO-92 (92)		30		100	20	180	660	1	5	1.0			10							07
MPS6571	TO-92 (92)	25	20	3	50	20	250	1000	100 μ A	5	0.5			10	4.5	50		0.5			07
MPSA09	TO-92 (92)	50	50		100	25	100	600	100 μ A	5	0.9			10	5	600		0.5			07