



LOW LEVEL AMPS

NPN Transistors

Type No.	Case Style	V _{CB0} (V) Min	V _{CE0} (V) Min	V _{EB0} (V) Min	I _{CB0} (nA) Max	V _{CB} (V)	h _{FE} (1kC)* h _{FE} Min Max	I _C @ (mA)	V _{CE} (V)	V _{CE(sat)} (V) Max	V _{BE(sat)} (V) Min Max	I _C @ (mA)	C _{ob} (pF) Max	f _T (MHz) Min Max	t _{off} (ns) Max	NF (dB) Max	Test Condition	Process No.	
2N760	TO-18	45	45	8	200	30	76 333*	1	5	1	0.6 1.1	10	8	50				07	
2N760A	TO-18	60	60	8	100	30	76 333*	1	5	1	0.9 1.1	10	8	50				07	
JAN2N760A	TO-18	75	60	8	10	30	76 333*	1	5	1	0.6 1.1	10	6	60		24	1	07	
2N929	TO-18	45	45	4	10	45	40 120 60 350	0.01 μA 0.5 μA 10	5 5 5	1	0.6 1.1	10	8	30	0.5		4	5	07
JAN2N929	TO-18	60	45	6	10	45	40 120 60 350	0.01 μA 0.5 μA 10	5 5 5	1	0.6 1.1	10	8	45	180 0.5		5 3 3	3 4 2	07
JANTX2N929	TO-18	65	45	6	10	45	40 120 60 350	0.01 0.5 10	5 5 5	1	0.6 1	10	8	45	180 0.5		5 3 3	3 4 2	07
JANTXV2N929	TO-18	65	45	6	10	45	40 120 60 350	0.01 0.05 10	5 5 5	1	0.6 1	10	8	45	180 0.5		5 3 3	3 4 2	07
2N929A	TO-18	60	45	6	2	45	25 100 40 120 60 350	0.001 0.01 0.5 10	5 5 5 5	0.5	0.7 0.9	10	6	45	0.5		4	2	07
2N930	TO-18	45	45	5	10	45	100 300 150 600	0.01 0.5 10	5 5 5	1	0.6 1	10	8	30	0.5		3	5	07
JAN2N930	TO-18	60	45	6	10	45	100 300 150 600	0.01 0.5 10	5 5 5	1	0.6 1	10	8	45	180 0.5		5 3 3	3 4 2	07
JANTX2N930	TO-18	60	45	6	10	45	100 300 150 600	0.01 0.5 10	5 5 5	1	0.6 1	10	8	45	180 0.5		5 3 3	3 4 2	07
JANTXV2N930	TO-18	60	45	6	10	45	100 300 150 600	0.01 0.5 10	5 5 5	1	0.6 1	10	8	45	180 0.5		5 3 3	3 4 2	07
2N930A	TO-18	60	45	6	2	45	60 100 100 300 150 600	0.001 0.01 0.5 10	5 5 5 5	0.5	0.7 0.9	10	6	45	0.5		3	2	07
2N981	TO-18	80	80	8	1.0 μA	30	36 100*	1	5	3		10	5					07	

Test Conditions:

- I_C = 1.0 mA, V_{CB} = 5V, R_G = 500Ω, f = 1 kHz
- I_C = 10 μA, V_{CE} = 5V, R_G = 10 kΩ, f = 10 kHz
- I_C = 10 μA, V_{CE} = 5V, R_G = 10 kΩ, f = 100 Hz
- I_C = 10 μA, V_{CE} = 5V, R_G = 10 kΩ, f = 1 kHz
- I_C = 10 μA, V_{CE} = 5V, R_G = 10 kΩ, BW = 15.7 kHz
- I_C = 5 μA, V_{CE} = 5V, R_G = 50 kΩ, f = 1 kHz
- I_C = 5 μA, V_{CE} = 5V, R_G = 50 kΩ, f = 10 kHz
- V_{CE} = 5V, I_C = 100 μA, R_G = 10 kΩ, W.B.
- V_{CE} = 5V, I_C = 30 μA, R_G = 100 kΩ, f = 1 kHz
- I_C = 20 μA, V_{CE} = 5V, R_S = 22 KΩ, W.B.
- I_C = 20 μA, V_{CE} = 5V, R_S = 10 KΩ, f = 1 kHz
- I_C = 100 μA, V_{CE} = 5V, R_G = 5 KΩ, W.B.
- I_C = 100 μA, V_{CE} = 4.5V, R_G = 5 KΩ, W.B.