LOW LEVEL AMPS

Type No.	Case Style	V_{CBO} (V) Min	V_{CEO} (V) Min	V_{EBO} (V) Min	I_{CBO} (nA) @ V_{CB} (V) Max		h_{FE} @ I_C (mA) & V_{CE} (V) Min	Max			$V_{CE(SAT)}$ (V) & $V_{BE(SAT)}$ (V) @ I_C (mA) Max	Min	Max	C_{ob} (pF) Max	f_T (MHz) @ I_C (mA) Min	Max		t_{off} (ns) Max	NF (dB) Max	Test Conditions	Process No.
2N2604	TO-46	60	45	6	10	45		350	10	5	0.5	0.7	0.9	10	6	30		0.5	3	1	62
							60		0.5	5											
							40	120	0.01	5											
2N2605	TO-46	60	45	6	10	45		600	10	5	0.5	0.7	0.9	10	6	30		0.5	3	2	62
							150		0.5	5											
							100	300	0.01	5											
2N3547	TO-18	60	60	6	25	45	75		10	5	1.0		1.0	10	8	45		1	5	1	62
							100	500	1	5											
							60		0.1	5											
2N3548	TO-18	60	45	6	10	45		600	10	5	1.0		1.0	10	8	60	150	1	4	1	62
							150		0.1	5											
							100	300	0.01	5											
2N3549	TO-18	60	60	6	10	45		800	10	5	1.0		1.0	10	8	60	150	1	4	1	62
							200		1	5											
							150		0.1	5											
							100	500	0.01	5											
2N3550	TO-18	60	45	8	1	45		800	10	5	0.5	0.7	0.9	5	8	60	150	1	4	1	62
							300		1	5											
							250		0.1	5											
							200	600	0.01	5											
							125		0.001	5											
2N3799	TO-18	60	60	5	10	50	300		0.1	5	0.25		0.8	1	4	30		0.5	2.5	3	62
							300	900	0.5	5											
							300		0.1	5	0.2		0.7	0.1							
							225		0.01	5											
							75		0.001	5											
2N4058	TO-92 (94)	30	30	6	100	20	100	400	0.1	5	0.7			10					5	3	62
2N4059	TO-92 (94)	30	30	6	100	20	45	660	1	5	0.7			10							62
2N4061	TO-92 (94)	30	30	6	100	20	90	330	1	5	0.7			10							62
2N4062	TO-92 (94)	30	30	6	100	20	180	660	1	5	0.7			10							62
2N4248	TO-92 (92)	Same as PN4248, see page 2-7 for explanation																			62
2N4249	TO-92 (92)	Same as PN4249, see page 2-7 for explanation																			62
2N4250	TO-92 (92)	Same as PN4250, see page 2-7 for explanation																			62

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LOW LEVEL AMPS (Continued)

Type No.	Case Style	V_{CBO} (V) Min	V_{CEO} (V) Min	V_{EBO} (V) Min	I_{CBO} (nA) @ V_{CB} (V) Max	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 Conditions	Process No.
2N4250A	TO-92 (92)	Same as PN4250A, see below for explanation																			62
2N4288	TO-92 (94)	30	25	6	50	25	75 150 100	600	10 1 0.1	5 5 5	0.35		0.8	1	8	40		1			62
2N4289	TO-92 (94)	60	45	7	10	45	75 150 100	600	10 1 0.1	5 5 5	0.35		0.8	1	8	40		1	4	1	62
2N4964	TO-92 (92)	Same as MPSA70, see below for explanation																			62
2N4965	TO-92 (92)	Same as 2N5086, see below for explanation																			62
2N5086	TO-92 (92)	50	50		50	35	150 150 150	500	10 1 0.1	5 5 5	0.3			10	4	40		0.5	3	4	62
2N5087	TO-92 (92)	50	50		50	35			10 1 0.1	5 5 5	0.3			10	4	40		0.5	2	4	62
2N5227	TO-92 (92)	30	30	3	100	10	50 30	700	2 0.1	10 10	0.4		1.0	10	5	100		10			62
MPSA70	TO-92 (92)		40	4	100	30	40	400	5	10	0.25			10	4	125		5			62
MPS6523	TO-92 (92)		25	4	50	20	300 150	600	2 0.1	10 10	0.5			50	4						62
PN4248	TO-92 (92)	40	40	5	10	40	50		0.1	5	0.25			10	6						62
PN4249	TO-92 (92)	60	60	5	10	40	100	300	0.1	5	0.25			10	6						62
PN4250	TO-92 (92)	40	40	5	10	40	250	700	0.1	5	0.25			10	6				2	4	62
PN4250A	TO-92 (92)	60	60	5	10	50	250	700	0.1	5	0.25			10	6				2	4	62

TEST CONDITIONS:
(1) I_C = 10 μA, V_{CE} = 5V, f = 10 Hz–15.7 kHz. (2) I_C = 10 μA, V_{CE} = 5V, f = 10 kHz. (3) I_C = 100 μA, V_{CE} = 5V, f = 10 Hz–15.7 kHz. (4) I_C = 20 μA, V_{CE} = 5V, f = 10 Hz–15.7 kHz.