N-Channel JFETs

General-Purpose Device Types

ELECTRICAL CHARACTERISTICS at T_A = 25°C

Device Type	$V_{(BR)GSS}$ Min (V)	$V_{(BR)GSS}$ @ I_G (μA)	I_{GSS} Max (nA)	I_{GSS} @ V_{GS} (V)	$V_{GS(off)}$ Limits Min (V)	$V_{GS(off)}$ Limits Max (V)	$V_{GS(off)}$ Conditions V_{DS} (V)	$V_{GS(off)}$ Conditions I_D (nA)	I_{DSS} Min (mA)	I_{DSS} Max (mA)	I_{DSS} @ V_{DS} (V)	g_{fs} Min (mS)	g_{fs} Max (mS)	g_{fs} @ V_{DS} (V)	C_{iss}[1] Max (pF)	C_{iss}[1] @ V_{DS} (V)	C_{rss}[1] Max (pF)	C_{rss}[1] @ V_{DS} (V)	r_{DS} Max (Ω)	Process
2N3369	-40	-1 0	-5 0	-30	—	-6 5	20	1 0[2]	0 5	2 5	30	0 6	2 5	30	20	8 0	3 0	30	—	NJ16
2N3370	-40	-1 0	-5 0	-30	—	-3 2	20	1 0[2]	0 1	0 6	30	0 3	2 5	30	20	8 0	3 0	30	—	NJ16
2N3458	-50	-1 0	-0 25	-30	—	7 8	20	1 0[2]	3 0	15	20	2 5	10	20	18	-10[3]	5 0	30	—	NJ16
2N3459	-50	-1 0	-0 25	-30	—	3 4	20	1 0[2]	0 8	4 0	20	1 5	6 0	20	18	-6[3]	5 0	30	—	NJ16
2N3460	-50	-1 0	-0 25	-30	—	1 8	20	1 0[2]	0 2	1 0	20	0 8	4 5	20	18	-4[3]	5 0	30	—	NJ16
2N3821	-50	-1 0	-0 1	-30	—	4 0	10	1 0	0 5	2 5	15	1 5	4 5	15	6 0	15	2 0	15	—	NJ16
2N3822	-50	-1 0	-0 1	-30	—	6 0	10	1 0	2 0	10	15	3 0	6 5	15	6 0	15	2 0	15	—	NJ32
2N3967	-30	-1 0	-0 1	-20	2 0	5 0	20	1 0	2 5	10	20	2 5	—	20	5 0	20[4]	1 3	20[4]	—	NJ26
2N3967A	-30	-1 0	0 1	-20	-2 0	5 0	20	1 0	2 5	10	20	2 5	—	20	5 0	20[4]	1 3	20[4]	—	NJ26
2N3968	-30	-1 0	-0 1	-20	—	-3 0	20	1 0	1 0	5 0	20	2 0	—	20	5 0	20[5]	1 3	20[5]	—	NJ26
2N3968A	-30	-1 0	-0 1	-20	—	3 0	20	1 0	1 0	5 0	20	2 0	—	20	5 0	20[5]	1 3	20[5]	—	NJ26
2N3969	-30	-1 0	-0 1	-20	—	-1 7	20	1 0	0 4	2 0	20	1 3	—	20	5 0	20[6]	1 3	20[6]	—	NJ26
2N3969A	-30	-1 0	-0 1	-20	—	-1 7	20	1 0	0 4	2 0	20	1 3	—	20	5 0	20[6]	1 3	20[6]	—	NJ26
2N4220	-30	-1 0	-0 1	-15	—	-4 0	15	1 0	0 5	3 0	15	1 0	4 0	15	6 0	15	2 0	15	—	NJ16
2N4220A	-30	-1 0	-0 1	-15	—	-4 0	15	1 0	0 5	3 0	15	1 0	4 0	15	6 0	15	2 0	15	—	NJ16
2N4221	30	-1 0	-0 1	-15	—	6 0	15	1 0	2 0	6 0	15	2 0	5 0	15	6 0	15	2 0	15	—	NJ32
2N4221A	30	-1 0	-0 1	-15	—	-6 0	15	1 0	2 0	6 0	15	2 0	5 0	15	6 0	15	2 0	15	—	NJ32
2N4222	-30	-1 0	-0 1	-15	—	-8 0	15	1 0	5 0	15	15	2 5	6 0	15	6 0	15	2 0	15	—	NJ32
2N4222A	-30	-1 0	-0 1	-15	—	-8 0	15	1 0	5 0	15	15	2 5	6 0	15	6 0	15	2 0	15	—	NJ32
2N4338	-50	-1 0	-0 1	-30	-0 3	-1 0	15	100	0 2	0 6	15	0 6	1 8	15	7 0	15	3 0	15	2500	NJ16
2N4339	-50	-1 0	-0 1	-30	-0 6	-1 8	15	100	0 5	1 5	15	0 8	2 4	15	7 0	15	3 0	15	1700	NJ16
2N4340	-50	-1 0	-0 1	-30	-1 0	-3 0	15	100	1 2	3 6	15	1 3	3 0	15	7 0	15	3 0	15	1500	NJ16
2N4341	-50	-1 0	-0 1	-30	-2 0	-6 0	15	100	3 0	9 0	15	2 0	4 0	15	7 0	15	3 0	15	800	NJ16
2N5103	-25	-1 0	-0 1	-15	-0 5	-4 0	15	1 0	1 0	8 0	15	2 0	8 0	15	5 0	15	1 0	15	—	NJ26
2N5104	-25	-1 0	-0 1	-15	-0 5	-4 0	15	1 0	2 0	6 0	15	3 5	7 5	15	5 0	15	1 0	15	—	NJ26
2N5105	-25	-1 0	-0 1	-15	-0 5	-4 0	15	1 0	5 0	15	15	5 0	10	15	5 0	15	1 0	15	—	NJ26
2N5358	-40	-1 0	-0 1	-20	-0 5	-3 0	15	100	0 5	1 0	15	1 0	3 0	15	6 0	15	2 0	15	—	NJ16
2N5359	-40	-1 0	-0 1	-20	-0 8	-4 0	15	100	0 6	1 6	15	1 2	3 6	15	6 0	15	2 0	15	—	NJ16
2N5360	-40	-1 0	-0 1	-20	-0 8	-4 0	15	100	1 5	3 0	15	1 4	4 2	15	6 0	15	2 0	15	—	NJ16
2N5361	-40	-1 0	-0 1	-20	-1 0	-6 0	15	100	2 5	5 0	15	1 5	4 5	15	6 0	15	2 0	15	—	NJ16
2N5362	-40	-1 0	-0 1	-20	-2 0	-7 0	15	100	4 0	8 0	15	2 0	5 5	15	6 0	15	2 0	15	—	NJ32
2N5363	-40	-1 0	-0 1	-20	-2 5	-8 0	15	100	7 0	14	15	2 5	6 0	15	6 0	15	2 0	15	—	NJ32
2N5364	-40	-1 0	-0 1	-20	-2 5	-8 0	15	100	9 0	18	15	2 7	6 5	15	6 0	15	2 0	15	—	NJ32

NOTES
1) V_{GS} = 0 V
2) I_D in μA
3) V_{DS} = 0 V V_{GS} in volts
4) I_D = 1 0 mA
5) I_D = 500 μA
6) I_D = 200 μA

InterFET
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