

N-Channel JFETs

Switches / Choppers

Device No.	Case Style	BV_{GSS} BV_{GS} (V) @ I_G (μA) Min	I_{GSS} I_{GSO} (nA) @ V_{DS} Max (V)	V_{GS} (mA) @ V_{DS} Max (V)	V_p (V) @ V_{DS} Min Max (V)	I_b (mA) Max (nA)	I_{DSS} (mA) @ V_{DS} Min Max (V)	V_{DS} (mV) Max (V)	$t_{d(on)}$ (Ω) @ I_D Max (mA)	C_{iss} (pF) @ V_{DS} Max (V)	C_{rss} (pF) @ V_{DS} Max (V)	$t_{f(on)}$ (ns) Max	Process No.	Pkg. No.					
2N5555	TO-92	25 10 1	15 10 12	-10 10 12	10 15 12	10 50 50	15 20 30	1 10 0	150 60 60	5 10 0	1.2 4 0	-10 4 0	25 51 51	50 51 51	92 92 92				
2N5638	TO-92	30 10 1	15 1 15	-12 15 15	-8 15 15	8 0.5 0.5	25 20 20	1 10 0	100 15 15	15 15 8	0 12 12	4 4 0	-12 -8 0	50 51 51	50 51 51	92 92 92			
2N5639	TO-92	30 10 1	15 1 15	-8 15 15	6 15 15	6 0.1 0.1	5 20 20	1 10 0	80 15 15	15 15 8	0 12 12	4 4 0	-8 0 0	50 51 51	50 51 51	92 92 92			
2N5640	TO-92	30 10 1	15 1 15	-6 15 15	6 15 15	6 0.1 0.1	5 20 20	1 10 0	100 100 100	15 15 15	0 12 12	4 4 0	-6 0 0	50 51 51	50 51 51	92 92 92			
J105	TO-92	26 10 3	16 5 3	10 4.5 3	10 15 6	10 2 6	500 200 200	15 15 15	3 6 6	15 15 15	3 6 6	17 13 13	3 13 13	59 (7-1) 59 (7-1) 59 (7-1)	59 (7-1) 59 (7-1) 59 (7-1)	92 92 92			
J106	TO-92	25 10 3	15 5 3	10 4.5 3	10 15 6	10 0.5 0.5	100 100 100	15 15 15	8 8 8	15 15 15	8 8 8	13 10 10	8 10 10	59 (7-1) 59 (7-1) 59 (7-1)	59 (7-1) 59 (7-1) 59 (7-1)	92 92 92			
J107	TO-92	25 10 3	15 5 3	10 4.5 3	10 15 6	10 0.1 0.1	80 80 80	15 15 15	8 8 8	15 15 15	8 8 8	10 10 10	8 10 10	58 (7-5) 58 (7-5) 58 (7-5)	58 (7-5) 58 (7-5) 58 (7-5)	92 92 92			
J108	TO-92	25 10 3	15 5 3	10 4.5 3	10 15 6	10 0.1 0.1	40 40 40	15 15 15	12 12 12	10 10 10	12 12 12	10 10 10	10 10 10	58 (7-5) 58 (7-5) 58 (7-5)	58 (7-5) 58 (7-5) 58 (7-5)	92 92 92			
J109	TO-92	25 10 3	15 5 3	10 4.5 3	10 15 6	10 0.1 0.1	40 40 40	15 15 15	12 12 12	10 10 10	12 12 12	10 10 10	10 10 10	58 (7-5) 58 (7-5) 58 (7-5)	58 (7-5) 58 (7-5) 58 (7-5)	92 92 92			
J110	TO-92	25 10 3	15 5 3	10 4.5 3	10 15 6	10 0.5 0.5	1000 1000 1000	10 10 10	15 15 15	18 15 15	18 15 15	10 10 10	10 10 10	58 (7-5) 58 (7-5) 58 (7-5)	58 (7-5) 58 (7-5) 58 (7-5)	92 92 92			
J111	TO-92	35 1 10	15 1 10	1 5 1	10 3 10	1 5 1	1000 1000 1000	20 20 20	15 15 15	30 30 30	1 1 1	1 1 1	1 1 1	51 (7-9) 51 (7-9) 51 (7-9)	51 (7-9) 51 (7-9) 51 (7-9)	92 92 92			
J112	TO-92	35 1 10	15 1 10	1 5 1	10 3 10	1 5 1	1000 1000 1000	5 5 5	15 15 15	50 50 50	1 1 1	1 1 1	1 1 1	51 (7-9) 51 (7-9) 51 (7-9)	51 (7-9) 51 (7-9) 51 (7-9)	92 92 92			
J113	TO-92	35 1 10	15 1 10	1 5 1	10 3 10	1 0.5 0.5	1000 1000 1000	2 2 2	15 15 15	100 100 100	1 1 1	1 1 1	1 1 1	51 (7-9) 51 (7-9) 51 (7-9)	51 (7-9) 51 (7-9) 51 (7-9)	92 92 92			
PN4091	TO-92	40 1 0.2*	20 0.2* 0.2*	0.2 0.2 0.2	20 20 20	-12 -8 -8	5 2 2	10 7 7	30 15 15	20 20 20	30 30 30	20 20 20	16 16 16	20 20 20	0 0 0	40 60 60	51 51 51	92 92 92	
PN4092	TO-92	40 1 0.2*	20 0.2* 0.2*	0.2 0.2 0.2	20 20 20	-8 1 1	2 1 1	5 5 5	20 20 20	80 80 80	20 20 20	30 30 30	14 14 14	20 20 20	0 0 0	40 60 60	51 51 51	92 92 92	
PN4093	TO-92	40 1 0.2*	20 0.2* 0.2*	0.2 0.2 0.2	20 20 20	-6 1 1	5 5 5	20 20 20	8 8 8	20 20 20	80 80 80	20 20 20	30 30 30	14 14 14	20 20 20	0 0 0	40 60 60	51 51 51	92 92 92
PN4391	TO-92	40 1 0.1	20 0.1 0.1	0.1 0.1 0.1	20 20 20	-12 4 4	10 10 10	1 1 1	50 50 50	20 20 20	30 30 30	30 30 30	14 14 14	20 20 20	0 0 0	35 35 35	51 51 51	92 92 92	
PN4392	TO-92	40 1 0.1	20 0.1 0.1	0.1 0.1 0.1	20 20 20	-7 2 2	5 3 3	20 20 20	1 1 1	50 50 50	20 20 20	60 60 60	14 14 14	20 20 20	0 0 0	35 35 35	51 51 51	92 92 92	
PN4393	TO-92	40 1 0.1	20 0.1 0.1	0.1 0.1 0.1	20 20 20	-5 0.5 0.5	3 4 4	20 20 20	1 1 1	50 50 50	20 20 20	100 100 100	14 14 14	20 20 20	0 0 0	35 35 35	51 51 51	92 92 92	
PN4856	TO-92	40 1 0.25	20 0.25 0.25	0.25 0.25 0.25	15 15 15	-10 10 10	4 10 15	1 1 1	50 50 50	30 30 30	15 15 15	40 40 40	18 18 18	0 0 0	-10 -10 -10	8 8 8	0 0 0	51 51 51	92 92 92
PN4857	TO-92	40 1 0.25	20 0.25 0.25	0.25 0.25 0.25	15 15 15	-10 10 10	2 6 6	15 15 15	0.5 0.5 0.5	20 20 20	100 100 100	40 40 40	18 18 18	0 0 0	-10 -10 -10	8 8 8	0 0 0	51 51 51	92 92 92
PN4858	TO-92	40 1 0.25	20 0.25 0.25	0.25 0.25 0.25	15 15 15	-10 10 10	4 10 15	0.8 10 15	0.5 0.5 0.5	50 50 50	15 15 15	60 60 60	18 18 18	0 0 0	-10 -10 -10	8 8 8	0 0 0	51 51 51	92 92 92
PN4859	TO-92	30 1 0.25	15 0.25 0.25	0.25 0.25 0.25	15 15 15	-10 10 10	4 10 15	0.8 10 15	0.5 0.5 0.5	50 50 50	15 15 15	60 60 60	18 18 18	0 0 0	-10 -10 -10	8 8 8	0 0 0	51 51 51	92 92 92
PN4860	TO-92	30 1 0.25	15 0.25 0.25	0.25 0.25 0.25	15 15 15	-10 10 10	4 10 15	0.8 10 15	0.5 0.5 0.5	50 50 50	15 15 15	60 60 60	18 18 18	0 0 0	-10 -10 -10	8 8 8	0 0 0	51 51 51	92 92 92
PN4861	TO-92	30 1 0.25	15 0.25 0.25	0.25 0.25 0.25	15 15 15	-10 10 10	4 10 15	0.8 10 15	0.5 0.5 0.5	50 50 50	15 15 15	60 60 60	18 18 18	0 0 0	-10 -10 -10	8 8 8	0 0 0	51 51 51	92 92 92

NOTE: National preferred device for each process in bold. Number shown in parentheses indicates location [section-page] of device datasheet.