

# N-Channel JFETs

## SWITCHES/CHOPPERS

Type No.	Case Style	BV <sub>GSS</sub> BV <sub>GDO</sub> (V) @ I <sub>G</sub>		I <sub>GSS</sub> I <sub>DGO</sub> (nA) @ V <sub>DG</sub>		I <sub>D(off)</sub> (nA) @ V <sub>DS</sub> V <sub>GS</sub>			V <sub>p</sub> (V) @ V <sub>DS</sub> I <sub>D</sub>			I <sub>DSS</sub> (mA) @ V <sub>DS</sub>		r <sub>ds(on)</sub> (Ω) @ I <sub>D</sub>		C <sub>iss</sub> (pF) @ V <sub>DS</sub> V <sub>GS</sub>			C <sub>rss</sub> (pF) @ V <sub>DS</sub> V <sub>GS</sub>			t <sub>on</sub> (ns)	t <sub>off</sub> (ns)		
		Min	Max	Min	Max	Max	Max	Max	Min	Max	Min	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max			
2N3824	TO-72	50	1	0.1	30	0.1	15	-8	8	15	0.1			250	6	15	0	3	0	-8					
2N3966	TO-72	30	1	1	20	0.1	10	-7	4	6	10	10	2	20	220	6	20	0	1.5	0	-7				
2N3970	TO-18	40	1	0.25*	20	0.25	20	-12	4	10	20	1	50	150	20	30	1	25	20	0	6	0	-12	20	30
2N3971	TO-18	40	1	0.25*	20	0.25	20	-12	2	5	20	1	25	75	20	60	1	25	20	0	6	0	-12	130	60
2N3972	TO-18	40	1	0.25*	20	0.25	20	-12	0.5	3	20	1	5	30	20	100	1	25	20	0	6	0	-12	80	100
2N4091	TO-18	40	1	0.2*	20	0.2	20	-12	5	10	20	1	30	20	30	1	16	20	0	5	0	-20	25	40	
2N4092	TO-18	40	1	0.2*	20	0.2	20	-8	2	7	20	1	15	20	50	1	16	20	0	5	0	-20	35	60	
2N4093	TO-18	40	1	0.2*	20	0.2	20	-6	1	5	20	1	8	20	80	1	16	20	0	5	0	-20	60	80	
2N4391	TO-18	40	1	0.1	20	0.1	20	-12	4	10	20	1	50	150	20	30	1	14	20	0	3.5	0	-12	20	35
2N4392	TO-18	40	1	0.1	20	0.1	20	-7	2	5	20	1	25	75	20	60	1	14	20	0	3.5	0	-7	20	55
2N4393	TO-18	40	1	0.1	20	0.1	20	-5	0.5	3	20	1	5	30	20	100	1	14	20	0	3.5	0	-5	20	80
2N4856	TO-18	40	1	0.25	20	0.25	15	-10	4	10	15	0.5	50	15	25	18	0	-10	8	0	-10	9	25		
2N4856A	TO-18	40	1	0.25	20	0.25	15	-10	4	10	15	0.5	50	15	25	10	0	-10	4	0	-10	8	20		
2N4857	TO-18	40	1	0.25	20	0.25	15	-10	2	6	15	0.5	20	100	15	40	18	0	-10	8	0	-10	10	50	
2N4857A	TO-18	40	1	0.25	20	0.25	15	-10	2	6	15	0.5	20	100	15	40	10	0	-10	3.5	0	-10	10	40	
2N4858	TO-18	40	1	0.25	20	0.25	15	-10	0.8	4	15	0.5	8	80	15	60	18	0	-10	8	0	-10	20	100	
2N4858A	TO-18	40	1	0.25	20	0.25	15	-10	0.8	4	15	0.5	8	80	15	60	10	0	-10	3.5	0	-10	16	80	
2N4859	TO-18	30	1	0.25	15	0.25	15	-10	4	10	15	0.5	50	15	25	18	0	-10	8	0	-10	9	25		
2N4859A	TO-18	30	1	0.25	15	0.25	15	-10	4	10	15	0.5	50	15	25	10	0	-10	4	0	-10	8	20		
2N4860	TO-18	30	1	0.25	15	0.25	15	-10	2	6	15	0.5	20	100	15	40	18	0	-10	8	0	-10	10	50	
2N4860A	TO-18	30	1	0.25	15	0.25	15	-10	2	6	15	0.5	20	100	15	40	10	0	-10	3.5	0	-10	10	40	
2N4861	TO-18	30	1	0.25	15	0.25	15	-10	0.8	4	15	0.5	8	80	15	60	18	0	-10	8	0	-10	20	100	
2N4861A	TO-18	30	1	0.25	15	0.25	15	-10	0.8	4	15	0.5	8	80	15	60	10	0	-10	3.5	0	-10	16	80	
2N5432	TO-52	25	1	0.2	15	0.2	5	-10	4	10	5	3	150	15	5	10	30	0	-10	15	0	-10	5	36	
2N5433	TO-52	25	1	0.2	15	0.2	5	-10	3	9	5	3	100	15	7	10	30	0	-10	15	0	-10	5	36	
2N5434	TO-52	25	1	0.2	15	0.2	5	-10	1	4	5	3	30	15	10	10	30	0	-10	15	0	-10	5	36	

