



SWITCHES

N-Channel FETs

Type No.	Case Style	BV _{GSS} *BV _{GDO} (V) @ I _G		IG _{SS} *ID _{GO} (nA) @ V _{DG}		I _{D(off)} (nA) @ V _{DS} V _{GS}			V _p V _{DS} I _D			I _{DSS} (mA) @ V _{DS}		r _{ds(on)} (Ω) @ I _D		C _{iss} V _{DS} V _{GS}			C _{rss} V _{DS} V _{GS}			t _{on} (ns)	t _{off} (ns)	Process No.		
		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	.1			250		6	15	0	3	0	-8			55		
2N3966	TO-72	30	1	0.1	20	1	10	-7	4	6	10	10	2	20	220	6	20	0	1.5	0	-7			50		
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	51
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	30	60	51
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	51
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	51	
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	51	
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	51	
2N4391	TO-18	40	1	0.1	20	0.1	20	-12	4	10	20	1	50	20	30	1	14	20	0	3.5	0	-12	20	35	51	
2N4392	TO-18	40	1	0.1	20	0.1	20	-7	2	5	20	1	25	20	60	1	14	20	0	3.5	0	-7	20	55	51	
2N4393	TO-18	40	1	0.1	20	0.1	20	-5	0.5	3	20	1	5	20	100	1	14	20	0	3.5	0	-5	20	80	51	
2N4856	TO-18	40	1	0.25	20	0.25	15	-10	4	10	15	5	50	15	25	18	0	-10	8	0	-10	9	25	51		
2N4856A	TO-18	40	1	0.25	20	0.25	15	-10	4	10	15	5	50	15	25	10	0	-10	4	0	-10	8	20	51		
2N4857	TO-18	40	1	0.25	20	0.25	15	-10	2	6	15	5	20	15	40	18	0	-10	8	0	-10	10	50	51		
2N4857A	TO-18	40	1	0.25	20	0.25	15	-10	2	6	15	5	20	15	40	10	0	-10	3.5	0	-10	10	40	51		
2N4858	TO-18	40	1	0.25	20	0.25	15	-10	0.8	4	15	5	8	15	60	18	0	-10	8	0	-10	20	100	51		
2N4858A	TO-18	40	1	0.25	20	0.25	15	-10	0.8	4	15	5	8	15	60	10	0	-10	3.5	0	-10	16	80	51		
2N4859	TO-18	30	1	0.25	15	0.25	15	-10	4	10	15	5	50	15	25	18	0	-10	8	0	-10	9	25	51		
2N4859A	TO-18	30	1	0.25	15	0.25	15	-10	4	10	15	5	50	15	25	10	0	-10	4	0	-10	8	20	51		
2N4860	TO-18	30	1	0.25	15	0.25	15	-10	2	6	15	5	20	15	40	18	0	-10	8	0	-10	10	50	51		
2N4860A	TO-18	30	1	0.25	15	0.25	15	-10	2	6	15	5	20	15	40	10	0	-10	3.5	0	-10	10	40	51		
2N4861	TO-18	30	1	0.25	15	0.25	15	-10	0.8	4	15	5	8	15	60	18	0	-10	8	0	-10	20	100	51		
2N4861A	TO-18	30	1	0.25	15	0.25	15	-10	0.8	4	15	5	8	15	60	10	0	-10	3.5	0	-10	16	80	51		
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	58	
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	58	
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	58	
2N5555	TO-92	25	10	1	15	10	12	-10					15	15	150	5	15	0	1.2	0	-10	10	25	50		
2N5638	TO-92	30	10	1	15	1	15	-12					50	20	30	1	10	0	-12	4	0	-12			51	
2N5639	TO-92	30	10	1	15	1	15	-8					25	20	60	1	10	0	-12	4	0	-8			51	
2N5640	TO-92	30	10	1	15	1	15	-6					5	20	100	1	10	0	-12	4	0	-6			51	
2N5653	TO-92	30	10	1	15	1	15	-12					40	20	50	1	10	0	-12	3.5	0	-12	9	15	51	
2N5654	TO-92	25	10	1	15	10	15	-8					15	20	100	1	10	0	-12	3.5	0	-8	14	30	51	
E109	TO-106	25	1	3	15	3	5	-10	2	6	5	1μ	40	15	12	85	0	0	15	0	-10			58		
KE4091	TO-106	40	1	1*	20	1	20	-12	5	10	20	1	30	20	30	16	20	0	5	20	0	25	40	51		
KE4092	TO-106	40	1	1*	20	1	20	-8	2	7	20	1	15	20	50	16	20	0	5	20	0	35	60	51		
KE4093	TO-106	40	1	1*	20	1	20	-6	1	5	20	1	8	20	80	16	20	0	5	20	0	60	80	51		