SWITCHES

N-Channel FETs

Type No.	Case Style	BV_{GSS} *BV_{GDO} (V) @ I_G (μA) Min		I_{GSS} *I_{DGO} (nA) @ V_{DG} (V) Max		$I_{D(off)}$ (nA) Max @ V_{DS} (V)		V_{GS} (V)	V_p (V) Min	Max @ V_{DS} (V)		I_D (nA)	I_{DSS} (mA) Min	Max @ V_{DS} (V)		$r_{ds(on)}$ (Ω) Max @ I_D (mA)		C_{iss} (pF) Max @ V_{DS} (V)	V_{GS} (V)	C_{rss} (pF) Max @ V_{DS} (V)	V_{GS} (V)	t_{on} (ns) Max	t_{off} (ns) Max	Process No.
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