New Jersey Semi-Conductor Products, Inc.

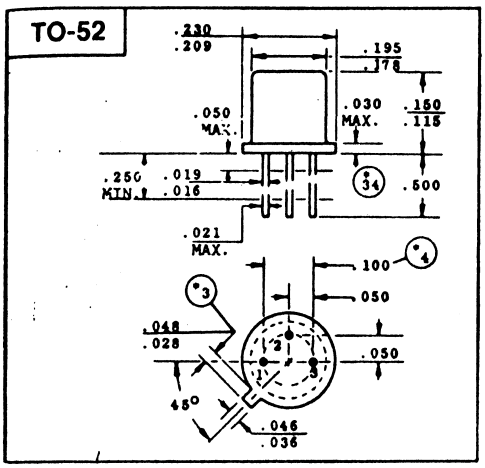
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N-Channel JFETs

SWITCHES/CHOPPERS

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



Quality Semi-Conductors