

# PRODUCT CATALOG

## LOW POWER FIELD EFFECT TRANSISTORS

### SWITCHING, N-CHANNEL FETS

Type Number	Case Style (TO—)	Geometry	•BVDgo or BVgss		Ciss Max (pF)	Crss Max (pF)	Vgs (off)		Idss		I <sub>gss</sub> or •Idgo Max (nA)	R(on) Max (ohms)	T(on) Max (nS)	T(off) Max (nS)
			Min (V)	Max (V)			Min (V)	Max (V)	Min (mA)	Max (mA)				
2N3824	72	FN3.6	50	6.0	3.0	—	8.0	—	—	0.10	250	—	—	
2N3966	72	FN2.5	30	6.0	1.5	4.0	6.0	2.0	—	1.00	220	—	—	
2N3970	18	FN7.1	40	25.0	6.0	4.0	10.0	50.0	150	• .25	30	20.0	30	
2N3971	18	FN7.1	40	25.0	6.0	2.0	5.0	25.0	75	• .25	60	30.0	60	
2N3972	18	FN7.1	40	25.0	6.0	0.5	3.0	5.0	30	• .25	100	80.0	100	
2N4091	18	FN7.1	40	16.0	5.0	5.0	10.0	30.0	—	• 0.20	30	25.0	40	
2N4092	18	FN7.1	40	16.0	5.0	2.0	7.0	15.0	—	• 0.20	50	35.0	60	
2N4093	18	FN7.1	40	16.0	5.0	1.0	5.0	8.0	—	• 0.20	80	60.0	80	
2N4391	18	FN7.1	40	14.0	3.5	4.0	10.0	50.0	150	0.10	30.0	20.0	35	
2N4392	18	FN7.1	40	14.0	3.5	2.0	5.0	25.0	75	0.10	60	20.0	55	
2N4393	18	FN7.1	40	14.0	3.5	0.5	3.0	5.0	30	0.10	100	20.0	80	
2N4856•	18	FN7.1	40	18.0	8.0	4.0	10.0	50.0	175	0.25	25	9.0	25	
2N4856A	18	FN7.1	40	10.0	4.0	4.0	10.0	50.0	175	0.25	20	8.0	20	
2N4857•	18	FN7.1	40	18.0	8.0	2.0	6.0	20.0	100	0.25	40	10.0	50	
2N4857A	18	FN7.1	40	10.0	3.5	2.0	6.0	20.0	100	0.25	40	10.0	40	
2N4858•	18	FN7.1	40	18.0	8.0	0.8	4.0	8.0	80	0.25	60	20.0	100	
2N4858A	18	FN7.1	40	10.0	3.5	0.8	4.0	8.0	80	0.25	60	16.0	80	
2N4859•	18	FN7.1	30	18.0	8.0	4.0	10.0	50.0	175	0.25	25	9.0	25	
2N4859A	18	FN7.1	30	10.0	4.0	4.0	10.0	50.0	175	0.25	25	8.0	20	
2N4860•	18	FN7.1	30	18.0	8.0	2.0	6.0	20.0	100	0.25	40	10.0	50	
2N4860A	18	FN7.1	30	10.0	3.5	2.0	6.0	20.0	100	0.25	40	10.0	40	
2N4861•	18	FN7.1	30	18.0	8.0	0.8	4.0	8.0	80	0.25	60	20.0	100	
2N4861A	18	FN7.1	30	10.0	3.5	0.8	4.0	8.0	80	0.25	60	16.0	80	
2N4977	18	FN9.1	30	35.0	8.0	4.0	10.0	50.0	—	0.50	15	—	20	
2N4978	18	FN7.1	30	35.0	8.0	2.0	8.0	15.0	—	0.50	20	—	40	
2N4979	18	FN7.1	30	35.0	8.0	0.5	5.0	7.5	—	0.50	40	—	60	
2N5555	92	FN2.5	25	5.0	1.2	—	10.0	15.0	—	1.00	150	10.0	25	
2N5638	92	FN7.1	30	10.0	4.0	—	12.0	50.0	—	1.00	30	—	25	
2N5639	92	FN7.1	30	10.0	4.0	—	8.0	25.0	—	1.00	60	—	—	
2N5640	92	FN7.1	30	10.0	4.0	—	6.0	5.0	—	1.00	100	—	—	
2N5653	92	FN7.1	30	10.0	3.5	—	12.0	40.0	—	1.00	50	9.0	15	
2N5654	92	FN7.1	25	10.0	3.5	—	8.0	15.0	—	1.00	100	14.0	30	
J109	92	FN9.1	25	85.0	15.0	2.0	6.0	40.0	—	3.00	12	—	—	
KK3970	92	FN7.1	40	25.0	6.0	4.0	10.0	5.00	150	•25.0	30	20.0	40	
KK3971	92	FN7.1	40	25.0	6.0	2.0	5.0	25.0	75	•25.0	60	30.0	60	
KK3972	92	FN7.1	40	25.0	6.0	0.5	3.0	5.0	30	•25.0	100	80.0	100	
KK4091	92	FN7.1	40	16.0	5.0	5.0	10.0	30.0	—	•1.00	30	25.0	40	
KK4092	92	FN7.1	40	16.0	5.0	2.0	7.0	15.0	—	1.00	50	35.0	60	
KK4093	92	FN7.1	40	16.0	5.0	1.0	5.0	8.0	—	•1.00	80	60.0	80	
KK4391	92	FN7.1	40	14.0	3.5	4.0	10.0	50.0	150	1.00	30	20.0	35	
KK4392	92	FN7.1	40	14.0	3.5	2.0	5.0	25.0	75	1.00	60	40.0	80	
KK4393	92	FN7.1	40	14.0	3.5	0.5	3.0	5.0	30	1.00	100	55.0	130	

\* These devices are qualified for JAN, JTX, and JTXV.

Most of these devices are available in an epoxy TO-92 package (KK prefix) with similar electrical characteristics. Specify KB prefix for leads formed to TO-18/TO-106 pin circle configuration.