

PRODUCT CATALOG

LOW POWER FIELD EFFECT TRANSISTORS

GENERAL PURPOSE N-CHANNEL

Type Number	Case Style (TO—)	Geometry	•BVDgo or BVgss		Ciss Max (pF)	Crss Max (pF)	Vgs (off)		Iqss Max (nA)	Yls		Idss		R(on) Max (ohms)	Yos Max (uMhos)
			Min (V)	Max (V)			Min (V)	Max (V)		Min (uMhos)	Max (uMhos)	Min (mA)	Max (mA)		
2N3066	18	FN22.2	50	10.0	—	—	9.5	1.0	400	1000	—	4.00	—	50	
2N3067	18	FN22.2	50	10.0	—	—	4.5	1.0	300	1000	—	1.00	—	50	
2N3068	18	FN2.2	50	10.0	—	—	2.2	1.0	200	1000	—	0.25	—	50	
2N3069	18	FN22.2	•50	15.0	1.5	—	9.5	1.0	750	2500	0.50	2.5	—	80	
2N3070	18	FN22.2	•50	15.0	1.5	—	4.5	1.0	750	2500	0.5	2.50	—	30	
2N3071	18	FN3.6	•50	15.0	1.5	—	2.2	1.0	500	2500	0.1	0.60	—	7	
2N3085	18	FN22.2	15	14.0	—	—	10.0	1.0	400	2000	—	3.00	—	50	
2N3087	18	FN22.2	15	14.0	—	—	10.0	1.0	400	2000	—	3.00	—	50	
2N3089	18	FN22.2	15	6.0	2.0	—	5.0	1.0	300	2000	0.50	2.0	—	50	
2N3089A	18	FN22.2	15	6.0	2.0	—	5.0	1.0	300	2000	0.5	2.00	—	50	
2N3365	18	FN22.2	•40	15.0	2.5	—	11.5	5.0	400	2000	0.8	4.00	—	50	
2N3366	18	FN22.2	40	15.0	—	—	6.5	5.0	250	1000	—	1.00	—	20	
2N3367	18	FN22.2	•40	15.0	2.5	—	2.2	5.0	100	1000	0.05	0.25	—	10	
2N3368	18	FN3.6	•40	20.0	2.0	—	11.5	5.0	1000	4000	2.0	12.00	—	80	
2N3369	18	FN22.2	•40	20.0	2.0	—	6.5	5.0	600	2500	0.5	2.50	—	30	
2N3370	18	FN22.2	•40	20.0	3.0	—	3.2	5.0	300	2500	0.1	0.60	—	15	
2N3436	18	FN3.6	•50	18.0	6.0	—	9.8	0.5	2300	10000	3.0	15.00	—	35	
2N3437	18	FN3.6	•50	18.0	6.0	—	4.8	0.5	1500	6000	0.8	4.00	—	20	
2N3438	18	FN22.2	•50	18.0	6.0	—	2.3	0.5	800	4500	0.2	1.00	—	5	
2N3452	18	FN2.2	•50	6.0	1.5	—	9.8	0.1	200	1200	0.8	4.00	—	15	
2N3453	18	FN2.2	•50	6.0	1.5	—	4.8	0.1	150	900	0.2	1.00	—	5	
2N3454	18	FN2.2	•50	6.0	1.5	—	2.3	0.1	100	600	0.05	0.25	—	3	
2N3455	18	FN2.2	•50	5.0	1.5	—	9.8	0.4	300	9000	0.8	4.00	—	5	
2N3456	18	FN2.2	•50	5.0	1.5	—	4.8	0.4	150	600	0.2	1.00	—	3	
2N3457	72	FN2.2	•50	5.0	1.5	—	2.3	0.4	150	600	0.05	0.25	—	3	
2N3458	18	FN3.6	•50	18.0	5.0	—	7.8	0.25	2500	10000	3.0	15.00	—	35	
2N3459	18	FN3.6	•50	18.0	5.0	—	3.4	0.25	1500	6000	0.8	4.00	—	20	
2N3460	18	FN3.6	•50	18.0	5.0	—	1.8	0.25	800	4500	0.2	1.00	—	5	
2N3684	72	FN22.2	50	4.0	1.2	2.0	5.0	0.1	2000	3000	2.5	7.50	—	50	
2N3685	72	FN22.2	50	4.0	1.2	1.0	3.5	0.1	1500	2500	1.0	3.00	—	25	
2N3686	72	FN22.2	50	—	4.0	1.2	0.6	2.0	0.1	1000	2000	0.4	1.20	10	
2N3687	72	FN22.2	50	—	4.0	1.2	0.3	1.2	0.1	500	1500	0.1	0.50	5	
2N3821•	72	FN3.6	50	6.0	3.0	—	4.0	0.1	0.1	1500	4500	0.5	2.50	10	
2N3822•	72	FN3.6	50	6.0	3.0	—	6.0	0.1	0.1	1500	4500	0.5	2.50	10	
2N3967	72	FN2.5	50	6.0	3.0	—	5.0	0.1	0.1	3000	6500	2.0	10.00	20	
2N3967A	72	FN2.5	30	5.0	1.3	2.0	5.0	0.1	2500	—	2.5	10.00	—	35	
2N3968	72	FN2.5	30	5.0	1.3	0.5	3.0	0.1	2000	—	1.0	5.00	—	15	
2N3968A	72	FN2.5	30	5.0	1.3	0.5	3.0	0.1	2000	—	1.0	5.00	—	15	
2N3969	72	FN2.5	30	5.0	1.3	0.3	1.7	0.1	1300	—	0.4	2.00	—	5	
2N3969A	72	FN2.5	30	5.0	1.3	0.3	1.7	0.1	1300	—	0.4	2.00	—	5	
2N4139	18	FN2.5	50	18.0	5.0	2.0	8.0	1.0	3500	7000	8.0	11.00	—	35	
2N4220	72	FN22.2	30	6.0	2.0	—	4.0	0.1	1000	4000	0.5	3.00	—	10	

• These devices are qualified for IAN, 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.