

# PRODUCT CATALOG

## LOW POWER FIELD EFFECT TRANSISTORS

### GENERAL PURPOSE N-CHANNEL

Type Number	Case Style (TO—)	Geometry	BVD <sub>go</sub> or BV <sub>gss</sub>		C <sub>iss</sub> Max (pF)	C <sub>rss</sub> Max (pF)	V <sub>gs</sub> (off)		I <sub>gss</sub> Max (nA)	Y <sub>ls</sub>		I <sub>dss</sub>		R(on) Max (ohms)	Y <sub>os</sub> Max (uMhos)
			Min (V)	Max (V)			Min (V)	Max (V)		Min (uMhos)	Max (uMhos)	Min (mA)	Max (mA)		
2N4220A	72	FN22.2	30	6.0	2.0	0.5	4.0	0.1	1000	4000	0.5	3.0	—	10	
2N4221	72	FN22.2	30	6.0	2.0	1.0	6.0	0.1	2000	5000	0.2	6.0	—	20	
2N4221A	72	FN22.2	30	6.0	2.0	1.0	6.0	0.1	2000	5000	0.2	6.0	—	20	
2N4222	72	FN2.5	30	6.0	2.0	2.0	8.0	0.1	2500	6000	5.0	15.0	—	40	
2N4222A	72	FN2.5	30	6.0	2.0	2.0	8.0	0.1	2500	6000	5.0	15.0	—	40	
2N4224	72	FN2.5	30	6.0	2.0	0.1	8.0	0.5	2000	7500	2.0	20.0	—	—	
2N4302	92	FN2.5	30	6.0	3.0	—	4.0	1.0	1000	—	0.5	5.0	—	50	
2N4303	92	FN2.5	30	6.0	3.0	—	6.0	1.0	2000	—	4.0	10.0	—	50	
2N4304	92	FN22.2	30	6.0	3.0	—	10	1.0	1000	—	0.5	15.0	—	50	
2N4338	18	FN22.2	50	6.0	2.0	0.3	1.0	0.1	500	—	0.2	0.6	2.5K	5	
2N4339	18	FN22.2	50	6.0	2.0	0.6	1.8	0.1	800	2400	0.5	1.5	1.7K	15	
2N4340	18	FN22.2	50	6.0	2.0	1.0	3.0	0.1	1300	3000	1.2	3.6	1.5K	30	
2N4341	18	FN22.2	50	6.0	2.0	2.0	6.0	0.1	2000	4000	3.0	9.0	8K	60	
2N5103	72	FN2.5	25	5.0	1.0	0.5	4.0	0.1	2000	8000	1.0	8.0	—	100	
2N5104	72	FN2.5	25	5.0	1.0	0.5	4.0	0.1	3500	7500	2.0	6.0	—	100	
2N5105	72	FN2.5	25	5.0	1.0	0.5	4.0	0.1	5000	10000	5.0	15.0	—	100	
2N5163	92	FN3.6	25	12.0	3.0	0.4	8.0	10	2000	9000	1.0	40.0	—	200	
2N5358	72	FN22.2	40	6.0	2.0	0.5	3.0	0.1	1000	3000	0.5	1.0	—	10	
2N5359	72	FN22.2	40	6.0	2.0	0.8	4.0	1.0	1200	3600	0.6	1.6	—	10	
2N5360	72	FN22.2	40	6.0	2.0	0.8	4.0	0.1	1400	4200	0.5	2.5	—	20	
2N5361	72	FN22.2	40	6.0	2.0	1.0	6.0	0.1	1500	4500	2.5	5.0	—	20	
2N5362	72	FN3.6	40	6.0	2.0	2.0	7.0	0.1	2000	5500	4.0	8.0	—	40	
2N5363	72	FN2.5	40	6.0	2.0	2.5	8.0	0.1	2500	6000	7.0	14.0	—	40	
2N5364	72	FN2.5	40	6.0	2.0	2.5	8.0	0.1	2700	6500	9.0	18.0	—	60	
2N5457	92	FN22.2	25	7.0	3.0	0.5	6.0	1.0	2000	5000	1.0	5.0	—	50	
2N5458	92	FN22.2	25	7.0	3.0	1.0	7.0	1.0	1500	5500	2.0	9.0	—	50	
2N5459	92	FN3.6	25	7.0	3.0	2.0	8.0	1.0	2000	6000	4.0	16.0	—	50	
2N5556	72	FN3.6	30	6.0	3.0	0.2	4.0	0.1	1500	6500	0.5	2.5	—	20	
2N5557	72	FN3.6	30	6.0	3.0	0.2	4.0	0.1	9500	6500	0.5	2.5	—	20	
2N5558	72	FN3.6	30	6.0	3.0	0.8	5.0	0.1	1500	6500	2.0	5.0	—	20	
2N5716	92	FN2.2	40	5.0	1.5	0.2	3.0	1.0	200	1000	0.05	0.25	—	25	
2N5717	92	FN2.2	40	5.0	1.5	0.5	5.0	1.0	400	1600	0.2	1.0	—	25	
2N5718	92	FN2.2	40	5.0	1.5	1.0	8.0	1.0	500	2000	0.8	4.0	—	25	
J308	92	FN71.1	25	5.0	2.5	1.0	6.5	1.0	8000	—	12.0	60.0	—	200	
J309	92	FN71.1	25	5.0	2.5	1.0	4.0	1.0	10000	—	12.0	30.0	—	150	
J310	92	FN71.1	25	5.0	2.5	2.0	6.5	1.0	8000	—	24.0	60.0	—	200	
KK3684	92	FN22.2	50	4.0	1.2	2.0	5.0	1.0	2000	3000	2.5	7.5	—	50	
KK3685	92	FN22.2	50	4.0	1.2	1.0	3.5	1.0	1500	2500	1.0	3.0	—	25	
KK3686	92	FN22.2	50	4.0	1.2	0.6	2.0	1.0	1000	2000	0.4	1.2	—	10	
KK3687	92	FN22.2	50	4.0	1.2	0.3	1.2	1.0	500	1500	0.1	0.5	—	5	
KK4220	92	FN2.5	30	6.0	2.0	0.5	4.0	1.0	1000	4000	0.5	3.0	—	10	
KK4221	92	FN22.2	30	6.0	2.0	1.0	6.0	1.0	2000	5000	2.0	6.0	—	20	

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.