

# PRODUCT CATALOG

## LOW POWER FIELD EFFECT TRANSISTORS

### DUAL N-CHANNEL FETS

Type Number	Case Style (TO—)	Geometry	BV <sub>gss</sub>	C <sub>iss</sub>	V <sub>gss</sub> (off)		I <sub>dss</sub>		Y <sub>fs</sub>		Y <sub>fs</sub> <sup>1</sup> / Y <sub>fs</sub> <sup>2</sup>	I <sub>dss</sub> <sup>1</sup> / I <sub>dss</sub> <sup>2</sup>	V <sub>gs</sub> <sup>1</sup> / V <sub>gs</sub> <sup>2</sup>	ΔV <sub>gs</sub> (uV/°C)	Y <sub>os</sub>	I <sub>gss</sub>
			Min (V)	Max (pF)	Min (V)	Max (V)	Min (mA)	Max (mA)	Min (uMhos)	Max (uMhos)	Match (%)	Match (%)	(mV)		(uMhos)	Max (uMhos)
2N5902	78	FN2.2/DMN2.4	40	3.0	0.6	4.5	0.03	0.5	70.0	250.0	3.0	5.0	5.0	5.0	1	0.005
2N5903	78	FN2.2/DMN2.4	40	3.0	0.6	4.5	0.03	0.5	70.0	250.0	3.0	5.0	5.0	10.0	1	0.005
2N5904	78	FN2.2/DMN2.4	40	3.0	0.6	4.5	0.03	0.5	70.0	250.0	5.0	5.0	10.0	20.0	1	0.005
2N5905	78	FN2.2/DMN2.4	40	3.0	0.6	4.5	0.03	0.5	70.0	250.0	5.0	5.0	15.0	40.0	1	0.005
2N5906	78	FN2.2/DMN2.4	40	3.0	0.6	4.5	0.03	0.5	70.0	250.0	3.0	5.0	5.0	5.0	1	0.002
2N5907	78	FN2.2/DMN2.4	40	3.0	0.6	4.5	0.03	0.5	70.0	250.0	3.0	5.0	5.0	10.0	1	0.002
2N5908	78	FN2.2/DMN2.4	40	3.0	0.6	4.5	0.03	0.5	70.0	250.0	5.0	5.0	—	—	5	0.002
2N5909	78	FN2.2/DMN2.4	40	3.0	0.6	4.5	0.03	0.5	70.0	250.0	5.0	5.0	—	—	5	0.002
2N5911	78	DMN36.1A	25	5.0	1.0	5.0	7.00	40.0	5000	10000	5.0	5.0	15.0	40.0	—	0.001
2N5912	78	DMN36.1A	25	5.0	1.0	5.0	7.00	40.0	5000	10000	5.0	5.0	15.0	40.0	—	0.001
2N6483	71	FN22.2	50	20.0	0.7	4.0	0.50	7.5	1000	4000	3.0	5.0	5.0	5.0	10	0.002
2N6484	71	FN22.2	50	20.0	0.7	4.0	0.50	7.5	1000	4000	3.0	5.0	10.0	10.0	10	0.002
2N6485	71	FN22.2	50	20.0	0.7	4.0	0.50	7.5	1000	4000	3.0	5.0	15.0	25.0	10	0.002
U231	—	FN22.2	—	—	See 2N 3954 as an improved replacement.											
U232	—	FN22.2	—	—	See 2N 3954 as an improved replacement.											
U233	—	FN22.2	—	—	See 2N 3954 as an improved replacement.											
U234	—	FN22.2	—	—	See 2N 3954 as an improved replacement.											
U235	71	FN36.6	50	6.0	1.0	4.5	0.50	5.0	1000.0	—	—	—	100.0	35.0	35	0.100
U257	78	DMN36.1A	25	5.0	1.0	5.00	5.0	40.0	5000.0	—	—	—	—	150.0	150	0.100
UC2130	71	FN22.2	50	4.0	—	5.0	0.50	4.5	1000.0	—	5.0	5.0	15.0	10.0	40	0.100
UC2132	71	FN22.2	50	4.0	—	5.0	0.50	4.5	1000.0	—	5.0	5.0	20.0	20.0	40	0.100
UC2134	71	FN22.2	50	4.0	—	5.0	0.50	4.5	1000.0	—	10.0	10.0	30.0	50.0	40	0.100
UC2136	71	FN22.2	50	4.0	—	5.0	0.50	4.5	1000.0	—	10.0	10.0	50.0	100.0	40	0.100
UC2138	71	FN22.2	50	4.0	—	5.0	0.50	4.5	1000.0	—	20.0	20.0	100.0	200.0	40	0.100
UC2139	71	FN22.2	30	5.0	—	6.0	0.20	6.0	750.0	—	—	—	—	—	4	0.200
UC2147	71	FN22.2	30	6.0	—	5.0	0.50	—	1000.0	—	—	—	—	—	50	0.200
UC2149	71	FN22.2	30	6.0	—	6.0	0.50	15.0	1000.0	—	—	—	—	—	40	0.200

### LOW NOISE MATCHED DUAL N-CHANNEL

Type Number	Case Style (TO—)	Geometry	BV <sub>gss</sub>	C <sub>iss</sub>	C <sub>rss</sub>	V <sub>gss</sub> (off)		I <sub>dss</sub>		Y <sub>fs</sub>	Y <sub>fs</sub> <sup>1</sup> / Y <sub>fs</sub> <sup>2</sup>	I <sub>dss</sub> <sup>1</sup> / I <sub>dss</sub> <sup>2</sup>	V <sub>gs</sub>	I <sub>dss</sub> <sup>2</sup>	I <sub>gss</sub>	Y <sub>os</sub>	CMRR
			Min (V)	Max (pF)	Max (pF)	Min (V)	Max (V)	Min (mA)	Max (mA)	Max (uMhos)	Match (%)	(mV)	(uV/°C)	Match (%)	Max (pA)	Max (uMhos)	Min (dB)
SDF500	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	3	5	1.0	100	3	100
SDF501	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	5	5	1.0	100	3	100
SDF502	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	10	10	1.0	100	3	100
SDF503	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	15	20	1.0	100	3	100
SDF504	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	20	30	1.0	100	3	90
SDF505	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	3	5	1.0	100	3	100
SDF506	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	5	5	1.0	100	3	100
SDF507	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	10	10	1.0	100	3	100
SDF508	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	15	20	1.0	100	3	100
SDF509	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	20	30	1.0	100	3	90
SDF510	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	3	5	1.0	100	3	100
SDF511	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	5	5	1.0	100	3	100
SDF512	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	10	10	1.0	100	3	100
SDF513	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	15	20	1.0	100	3	100
SDF514	71	FN39.8	50	8.0	1.8	1.0	4.5	0.5	5.0	3000	1.0	20	30	1.0	100	3	90