# GENERAL PURPOSE N-CHANNEL

| Type Number | Case Style (TO—) | Geometry | •BVDgo or BVgss Min (V) | Ciss Max (pF) | Crss Max (pF) | Vgs (off) Min (V) | Vgs (off) Max (V) | Igss Max (nA) | Yls Min (uMhos) | Yls Max (uMhos) | Idss Min (mA) | Idss Max (mA) | R(on) Max (ohms) | Yos Max (uMhos) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 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.

Solitron Devices, Inc.

## LOW POWER FIELD EFFECT TRANSISTORS

# GENERAL PURPOSE N-CHANNEL

| Type Number | Case Style (TO—) | Geometry | BVDgo or BVgss Min (V) | Ciss Max (pF) | Crss Max (pF) | Vgs (off) Min (V) | Vgs (off) Max (V) | Igss Max (nA) | Yls Min (uMhos) | Yls Max (uMhos) | Idss Min (mA) | Idss Max (mA) | R(on) Max (ohms) | Yos Max (uMhos) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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.

# GENERAL PURPOSE N-CHANNEL

| Type Number | Case Style (TO—) | Geometry | •BVDgo or BVgss Min (V) | Ciss Max (pF) | Crss Max (pF) | Vgs (off) Min (V) | Vgs (off) Max (V) | Igss Max (nA) | Yls Min (uMhos) | Yls Max (uMhos) | Idss Min (mA) | Idss Max (mA) | R(on) Max (ohms) | Yos Max (uMhos) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KK4302 | 92 | FN2.5 | 30 | 6.0 | 3.0 | — | 4.0 | 1.00 | 1000 | — | 0.5 | 5.0 | — | 50 |
| KK4303 | 92 | FN2.5 | 30 | 6.0 | 3.0 | — | 6.0 | 1.00 | 2000 | — | 4.0 | 10 | — | 50 |
| KK4304 | 92 | FN22.2 | 30 | 6.0 | 3.0 | — | 1.0 | 1.00 | 1000 | — | 0.5 | 15 | — | 50 |
| U308 | 52 | FN71.1 | 25 | 7.5 | 2.5 | — | 6.0 | 0.15 | 0000 | 20000 | 12 | 60 | — | — |
| U309 | 52 | FN71.1 | 25 | 7.5 | 2.5 | — | 4.0 | 0.15 | 10000 | 20000 | 12 | 30 | — | — |
| U310 | 52 | FN71.1 | 25 | 7.5 | 2.5 | — | 6.0 | 0.15 | 10000 | 18000 | 24 | 60 | — | — |
| U311 | 72 | FN71.1 | 25 | 7.5 | 2.5 | — | 6.0 | 0.15 | 10000 | 20000 | 20 | 60 | — | — |
| U312 | 52 | FN36.1 | 25 | 5.0 | 1.2 | — | 60.0 | 0.10 | 6000 | 10000 | 10 | 30 | — | — |
| U320 | 5 | FN9.1 | 25 | 30.0 | 15.0 | — | 10.0 | 3.00 | 75000 | 200000 | 100 | 500 | — | — |
| U322 | 5 | FN9.1 | 22 | 30.0 | 15.0 | — | 10.0 | 3.00 | 75000 | 200000 | 200 | 700 | — | — |
| UC100 | 72 | FN2.5 | •30 | 5.0 | 3.0 | — | 5.0 | 0.10 | 2000 | — | 2.5 | 7.5 | 600 | — |
| UC105 | 18 | FN22.2 | •30 | 5.0 | 2.0 | — | 5.0 | 0.10 | 2000 | — | 2.5 | 7.5 | 600 | — |
| UC110 | 72 | FN22.2 | •30 | 5.0 | 2.0 | — | 3.0 | 0.10 | 15000 | — | 1.0 | 3.0 | 800 | — |
| UC120 | 72 | FN22.2 | •30 | 5.0 | 2.0 | — | 1.7 | 0.10 | 1200 | — | 0.4 | 1.2 | 1300 | — |
| UC130 | 72 | FN22.2 | 30 | 5.0 | 2.0 | — | 1.2 | 0.10 | 500 | — | 0.1 | 0.50 | 2500 | — |
| UC135 | 18 | FN22.2 | •30 | 5.0 | 2.0 | — | 1.2 | 0.10 | 500 | — | 0.1 | 0.5 | 2500 | — |
| UC701 | 18 | FN22.2 | 30 | 5.0 | 2.0 | — | 6.0 | — | 150 | 1500 | 150 | 0.1 | — | — |
| UC703 | 72 | FN3.6 | 40 | 6.0 | 3.0 | — | 6.0 | 0.50 | 500 | 5000 | 0.1 | 10 | 2000 | — |
| UC704 | 72 | FN2.5 | 40 | 8.0 | 2.0 | — | 8.0 | 0.50 | 1000 | 10000 | 0.2 | 24 | 1000 | — |
| UC705 | 72 | FN2.5 | 40 | 12.0 | 2.0 | — | 8.0 | 1.00 | 2000 | 20000 | 0.5 | 50 | 500 | — |
| UC707 | 18 | FN7.1 | 20 | 30.0 | 8.0 | — | 12.0 | 2.00 | 5000 | 50000 | 2.5 | 250 | 2000 | — |
| UC714 | 72 | FN2.5 | 30 | 8.0 | 4.0 | — | 8.0 | 1.00 | 2000 | 6500 | 2.0 | 20 | — | — |
| UC714E | 92 | FN2.5 | 30 | 8.0 | 4.0 | — | 8.0 | 1.00 | 2000 | 65000 | 2.0 | 20 | — | — |
| UC751 | 18 | FN3.6 | 30 | 10.0 | 3.0 | — | 6.0 | 2.00 | 350 | — | 0.1 | — | — | — |
| UC752 | 18 | FN3.6 | 30 | 17.0 | 3.0 | — | 6.0 | 6.00 | 1000 | — | 0.3 | — | — | — |
| UC753 | 18 | FN7.1 | 30 | 25.0 | 8.0 | — | 6.0 | 10.00 | 2500 | — | 0.9 | — | — | — |
| UC754 | 18 | FN3.6 | 30 | 6.0 | 30.0 | — | 4.0 | 1.00 | 1000 | — | 0.5 | — | — | 50 |
| UC755 | 18 | FN3.6 | 30 | 6.0 | 3.0 | — | 6.0 | 1.00 | 2000 | — | 0.4 | 10 | — | 50 |
| UC756 | 18 | FN3.6 | 30 | 6.0 | 3.0 | — | 10.0 | 1.00 | 1000 | — | 0.5 | 15 | — | 50 |
| UC757 | 106 | FN2.5 | 30 | 7.0 | 3.0 | — | 6.0 | 1.00 | 1000 | 5000 | 1.0 | 5.0 | — | — |
| UC758 | 106 | FN2.5 | 25 | 7.0 | 3.0 | — | 7.0 | 1.00 | 1500 | 5500 | 2.0 | 9.0 | — | 50 |
| UC759 | 106 | FN2.5 | 25 | 7.0 | 3.0 | — | 8.0 | 1.00 | 2000 | 6000 | 4.0 | 16 | — | 50 |

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.

D

Solitron Devices, Inc.

# SWITCHING, N-CHANNEL FETS

| Type Number | Case Style (TO—) | Geometry | •BVDgo or BVgss Min (V) | Ciss Max (pF) | Crss Max (pF) | Vgs (off) Min (V) | Vgs (off) Max (V) | Idss Min (mA) | Idss Max (mA) | Igss or •Idgo Max (nA) | R(on) Max (ohms) | T(on) Max (nS) | T(off) Max (nS) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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.

# SWITCHING, N-CHANNEL FETS

| Type Number | Case Style (TO—) | Geometry | •BVDgo or BVgss Min (V) | Ciss Max (pF) | Crss Max (pF) | Vgs (off) Min (V) | Vgs (off) Max (V) | Idss Min (mA) | Idss Max (mA) | Igss or •Idgo Max (nA) | R(on) Max (ohms) | T(on) Max (nS) | T(off) Max (nS) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KK4857 | 92 | FN7.1 | 40 | 18.0 | 8.0 | 2.0 | 6.0 | 20.00 | 100.00 | 1.0 | 40 | 10.0 | 50 |
| KK4858 | 92 | FN7.1 | 40 | 18.0 | 8.0 | 0.8 | 4.0 | 8.00 | 80.00 | 1.0 | 60 | 20.0 | 100 |
| KK4859 | 92 | FN7.1 | 30 | 18.0 | 8.0 | 4.0 | 10.0 | 50.00 | 175.00 | 1.0 | 25 | 9.0 | 25 |
| KK4860 | 92 | FN7.1 | 30 | 18.0 | 8.0 | 2.0 | 6.0 | 20.00 | 100.00 | 1.0 | 40 | 10.0 | 50 |
| KK4861 | 92 | FN7.1 | 30 | 18.0 | 8.0 | 0.8 | 4.0 | 8.00 | 80.00 | 1.0 | 60 | 20.0 | 100 |
| U200 | 92 | FN2.5 | 30 | 30.0 | 8.0 | 0.5 | 3.0 | 3.00 | 25.00 | 10.0 | 150 | — | — |
| U201 | 92 | FN7.1 | 30 | 30.0 | 8.0 | 1.0 | 5.0 | 15.00 | 75.00 | 1.0 | 75 | — | — |
| U202 | 92 | FN7.1 | 30 | 30.0 | 8.0 | 3.0 | 10.0 | 30.00 | 150.00 | 1.0 | 50 | — | — |
| U1897E | 92 | FN7.1 | 40 | 16.0 | 5.0 | 5.0 | 10.0 | 30.00 | — | • 0.2 | 30 | 25.0 | 40 |
| U1898E | 92 | FN7.1 | 40 | 16.0 | 5.0 | 2.0 | 7.0 | 15.00 | — | • 0.2 | 50 | 35.0 | 60 |
| U1899E | 92 | FN7.1 | 40 | 16.0 | 5.0 | 1.0 | 5.0 | 8.00 | | • 0.2 | 80 | 60.0 | 80 |
| UC100 | 72 | FN3.6 | •30 | 5.0 | 3.0 | 1.0 | 5.0 | 2.50 | 7.50 | 0.1 | 600 | — | — |
| UC105 | 18 | FN3.6 | •30 | 5.0 | 3.0 | 1.0 | 5.0 | 2.50 | 7.50 | 0.1 | 600 | — | — |
| UC110 | 72 | FN3.6 | •30 | 5.0 | 3.0 | 0.5 | 3.0 | 1.00 | 3.00 | 0.1 | 800 | — | — |
| UC120 | 72 | FN5.5 | •30 | 5.0 | 3.0 | 0.2 | 1.7 | 0.40 | 1.20 | 0.1 | 1300 | — | — |
| UC130 | 72 | FN3.6 | 30 | 5.0 | 3.0 | 0.3 | 1.2 | 0.10 | 0.50 | 0.1 | 2500 | — | — |
| UC135 | 18 | FN3.6 | •30 | 5.0 | 3.0 | 0.3 | 1.2 | 0.10 | 0.50 | 0.1 | 2500 | — | — |
| UC155 | 72 | FN2.5 | 30 | 4.0 | 1.0 | 1.0 | 10.0 | 10.00 | — | 0.1 | 125 | — | — |
| UC201 | 72 | FN5.5 | 50 | 7.0 | 4.0 | 1.0 | 8.0 | 15.00 | — | 0.1 | 125 | — | — |
| UC250 | 18 | FN7.1 | 30 | 25.0 | 7.0 | 5.0 | 10.0 | 50.00 | 150.00 | 1.0 | 30 | — | — |
| UC251 | 18 | FN7.1 | 30 | 25.0 | 7.0 | 1.0 | 6.0 | 7.50 | 75.0 | 1.0 | 75 | — | — |
| UC714E | 92 | FN2.5 | 30 | 8.0 | 4.0 | 1.0 | 8.0 | 2.00 | 20.0 | 1.0 | 500 | — | — |

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.

# SWITCHING, N-CHANNEL FETS

| Type Number | Case Style (TO—) | Geometry | •BVDgo or BVgss Min (V) | Ciss Max (pF) | Crss Max (pF) | Vgs (off) Min (V) | Vgs (off) Max (V) | Idss Min (mA) | Idss Max (mA) | Igss or •Idgo Max (nA) | R(on) Max (ohms) | Td nS (Max) | Tr nS (Max) | Ts nS (Max) | Tf nS (Max) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2N4445 | 46 | FN9.1/9 | 25 | 35 | 20 | 2.0 | 10.0 | 150 | — | 3.0 | 5.0 | 15.0 | 20.0 | 20.0 | 15 |
| 2N4446 | 46 | FN9.1/9 | 25 | 35 | 20 | 2.0 | 10.0 | 100 | — | 3.0 | 10.0 | 15.0 | 20.0 | 20.0 | 15 |
| 2N4447 | 46 | FN9.1/9 | 25 | 35 | 20 | 2.0 | 10.0 | 150 | — | 3.0 | 6.0 | 15.0 | 20.0 | 20.0 | 15 |
| 2N4448 | 46 | FN9.1/9 | 25 | 35 | 20 | 2.0 | 10.0 | 100 | — | 3.0 | 12.0 | 15.0 | 20.0 | 20.0 | 15 |
| 2N5432 | 52 | FN9.1/9 | 25 | 30 | 15 | 4.0 | 10.0 | 150 | — | 0.2 | 5.0 | 4.0 | 1.0 | 7.0 | 30 |
| 2N5433 | 52 | FN9.1/9 | 25 | 30 | 15 | 3.0 | 9.0 | 100 | — | 0.2 | 7.0 | 4.0 | 1.0 | 7.0 | 30 |
| 2N5434 | 52 | FN9.1/9 | 25 | 30 | 15 | 1.0 | 4.0 | 30 | — | 0.2 | 10.0 | 4.0 | 1.0 | 7.0 | 30 |
| | | | | | | | | | | | | T(on | Tr | T(off) | Tf |
| SDF1001 | 52 | FN9 | 30 | 25 | 15 | 4.0 | 10.0 | 100 | — | 0.2 | 7.0 | 4.0 | 1.0 | 6.0 | 30 |
| SDF1002 | 52 | FN9 | 30 | 25 | 15 | 2.0 | 6.0 | 50 | — | 0.2 | 10.0 | 4.0 | 1.0 | 6.0 | 30 |
| SDF1003 | 52 | FN9 | 30 | 25 | 15 | 1.0 | 4.0 | 30 | — | 0.2 | 15.0 | 5.0 | 2.0 | 8.0 | 30 |
| SDF1004 | 52 | FN9 | 20 | 30 | 20 | 4.0 | 10.0 | 100 | — | 1.0 | 7.0 | 4.0 | 1.0 | 6.0 | 30 |
| SDF1005 | 52 | FN9 | 20 | 30 | 20 | 2.0 | 7.0 | 50 | — | 1.0 | 10.0 | 4.0 | 1.0 | 6.0 | 30 |
| SDF1006 | 52 | FN9 | 20 | 30 | 20 | 1.0 | 5.0 | 30 | — | 1.0 | 15.0 | 5.0 | 2.0 | 8.0 | 30 |

# LOW NOISE AMPLIFIER, N-CHANNEL FETS

| Type Number | Case Style (TO—) | Geometry | BVgss Min (V) | Ciss Max (pF) | Crss Max (pF) | Vgs (off) Min (V) | Vgs (off) Max (V) | Igss Max (nA) | Yls Min (uMhos) | Yls Max (uMhos) | Idss Min (mA) | Idss Max (mA) | Yos Max (uMhos) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2N3684 | 72 | FN22.2 | 50 | 4.0 | 1.2 | 2.0 | 5.0 | 0.10 | 2000 | 3000 | 2.5 | 7.5 | 50.0 |
| 2N3684A | 72 | FN22.2 | 50 | 4.0 | 1.2 | 2.0 | 5.0 | 0.10 | 2000 | 3000 | 2.5 | 7.5 | 5.0 |
| 2N3685 | 72 | FN22.2 | 50 | 4.0 | 1.2 | 1.0 | 3.5 | 0.10 | 1500 | 2500 | 1.0 | 3.0 | 25.0 |
| 2N3685A | 72 | FN22.2 | 50 | 4.0 | 1.2 | 1.0 | 3.5 | 0.10 | 1500 | 2500 | 1.0 | 3.0 | 2.5 |
| 2N3686 | 72 | FN22.2 | 50 | 4.0 | 1.2 | 0.6 | 2.0 | 0.10 | 1000 | 2000 | 0.4 | 1.2 | 10.0 |
| 2N3686A | 72 | FN22.2 | 50 | 4.0 | 1.2 | 0.6 | 2.0 | 0.10 | 1000 | 2000 | 0.4 | 1.2 | 1.0 |
| 2N3687 | 72 | FN22.2 | 50 | 4.0 | 1.2 | 0.3 | 1.2 | 0.10 | 500 | 1500 | 0.1 | 0.5 | 5.0 |
| 2N3687A | 72 | FN22.2 | 50 | 4.0 | 1.2 | 0.3 | 1.2 | 0.10 | 500 | 1500 | 0.1 | 0.5 | 0.1 |
| 2N4867 | 72 | FN39.8 | 40 | 25.0 | 5.0 | 0.7 | 2.0 | 0.25 | 700 | 2000 | 0.4 | 1.2 | 1.5 |
| 2N4867A | 72 | FN39.8 | 40 | 25.0 | 5.0 | 0.7 | 2.0 | 0.25 | 700 | 2000 | 0.4 | 1.2 | 1.5 |
| 2N4868 | 72 | FN39.8 | 40 | 25.0 | 5.0 | 1.0 | 3.0 | 0.25 | 1000 | 3000 | 1.0 | 3.0 | 4.0 |
| 2N4868A | 72 | FN39.8 | 40 | 25.0 | 5.0 | 1.0 | 3.0 | 0.25 | 1000 | 3000 | 1.0 | 3.0 | 4.0 |
| 2N4869 | 72 | FN39.8 | 40 | 25.0 | 5.0 | 1.8 | 5.0 | 0.25 | 1300 | 4000 | 2.5 | 7.5 | 10.0 |
| 2N4869A | 72 | FN39.8 | 40 | 25.0 | 5.0 | 1.8 | 5.0 | 0.25 | 1300 | 4000 | 2.5 | 7.5 | 10.0 |
| 2N5105 | 72 | FN2.5 | 25 | 5.0 | 1.0 | | 4.0 | 0.10 | 5000 | 10000 | 5.0 | 15.0 | 100.0 |
| 2N5556 | 72 | FN22.2 | 30 | 6.0 | 3.0 | 0.2 | 4.0 | 0.10 | 1500 | 6500 | 0.5 | 2.5 | 20.0 |
| 2N5557 | 72 | FN22.2 | 30 | 6.0 | 3.0 | 0.8 | 5.0 | 0.10 | 1500 | 6500 | 2.0 | 5.0 | 20.0 |
| 2N5558 | 72 | FN22.2 | 30 | 6.0 | 3.0 | 1.5 | 6.0 | 0.10 | 1500 | 6500 | 4.0 | 10.0 | 20.0 |
| 2N5592 | 72 | FN88.8 | 50 | 20.0 | 5.0 | 1.0 | 5.0 | 0.25 | 2000 | 7000 | 1.0 | 10.0 | 10.0 |
| 2N5593 | 72 | FN88.8 | 50 | 20.0 | 5.0 | 1.0 | 5.0 | 0.25 | 2000 | 7000 | 1.0 | 10.0 | 10.0 |
| 2N5594 | 72 | FN88.8 | 50 | 20.0 | 5.0 | 1.0 | 5.0 | 0.25 | 2000 | 7000 | 1.0 | 10.0 | 10.0 |
| UC200 | 72 | FN5.5 | 50 | 7.0 | — | — | 6.0 | 0.10 | 6000 | — | 10 | 30.0 | 10.0 |
| UC210 | 72 | FN5.5 | 50 | 7.0 | — | — | 4.0 | 0.10 | 4500 | — | 4.0 | 12.0 | — |
| UC220 | 72 | FN5.5 | 50 | 7.0 | — | — | 2.5 | 0.10 | 3000 | — | 1.0 | 5.0 | — |
| UC241 | 72 | FN88.8 | 50 | 2.0 | 5.0 | — | 5.0 | 0.25 | 2000 | — | 1.0 | 10.0 | — |

# RF AMPLIFIERS, N-CHANNEL FETS

| Type Number | Case Style (TO—) | Geometry | BVDgo or BVgss Min (V) | Ciss Max (pF) | Crss Max (pF) | Vgs (off) Min (V) | Vgs (off) Max (V) | Igss Max (nA) | Yls Min (uMhos) | @ Freq (MhZ) | Idss Min (mA) | Idss Max (mA) | Pwr Gain @ Freq (dB) | Pwr Gain @ Freq (mHz) | NF Max (dB) | @ Freq mHz) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2N3819 | 72 | FN2.5 | 25 | 8.0 | 4.0 | — | 8.0 | 2.00 | 1600.0 | 100 | 2.0 | 20.0 | — | — | 4.0 | 400 |
| 2N3821• | 72 | FN3.6 | 50 | 6.0 | 3.0 | — | 4.0 | 0.10 | 1500.0 | 100 | 0.5 | 2.5 | — | — | — | — |
| 2N3822• | 72 | FN3.6 | 50 | 6.0 | 3.0 | — | 6.0 | 0.10 | 3000.0 | 100 | 2.0 | 10.0 | — | — | — | — |
| 2N3823• | 72 | FN2.5 | 30 | 6.0 | 2.0 | — | 8.0 | 0.50 | 3200.0 | 200 | 4.0 | 20.0 | — | — | 2.5 | 100 |
| 2N4223 | 72 | FN2.5 | 30 | 6.0 | 2.0 | — | 8.0 | 0.25 | 2700.0 | 200 | 3.0 | 18.0 | 10.0 | 200 | 5.0 | 200 |
| 2N4224 | 72 | FN2.5 | 30 | 6.0 | 2.0 | 0.1 | 8.0 | 0.50 | 1700.0 | 200 | 2.0 | 20.0 | — | — | — | — |
| 2N4416 | 72 | FN2.5 | 30 | 4.0 | 0.8 | — | 6.0 | 0.10 | 4000.0 | 400 | 5.0 | 15.0 | 10.0 | 400 | 4.0 | 400 |
| 2N4416A | 72 | FN2.5 | 30 | 4.0 | 0.8 | 2.5 | 6.0 | 0.10 | 4000.0 | 400 | 5.0 | 15.0 | 10.0 | 400 | 4.0 | 400 |
| 2N5078 | 72 | FN2.5 | 30 | 6.0 | 2.0 | 0.5 | 8.0 | 0.25 | 4000.0 | 200 | 4.0 | 25.0 | — | — | 3.0 | 200 |
| 2N5103 | 72 | FN2.5 | 25 | 5.0 | 1.0 | 0.5 | 4.0 | 0.10 | 2000.0 | 0.001 | 1.0 | 8.0 | — | — | — | — |
| 2N5104 | 72 | FN2.5 | 25 | 5.0 | 1.0 | 0.5 | 4.0 | 0.10 | 3500.0 | 0.001 | 2.0 | 6.0 | — | — | — | — |
| 2N5105 | 72 | FN2.5 | 25 | 5.0 | 1.0 | — | 4.0 | 0.10 | 5000.0 | 0.001 | 5.0 | 15.0 | — | — | — | — |
| 2N5245 | 92 | FN2.5 | 30 | 4.5 | 1.0 | 1.0 | 6.0 | 1.00 | 4000.0 | 400 | 5.0 | 15.0 | — | — | 4.0 | 400 |
| KK5246 | 92 | FN2.5 | 30 | 4.5 | 1.0 | 0.5 | 4.0 | 1.00 | 2500.0 | 400 | 1.5 | 7.0 | — | — | — | — |
| KK5247 | 92 | FN2.5 | 30 | 4.5 | 1.0 | 1.5 | 8.0 | 1.00 | 4000.0 | 400 | 8.0 | 24.0 | — | — | — | — |
| KK5248 | 92 | FN2.5 | 30 | 6.0 | 2.0 | 1.0 | 8.0 | 5.00 | 3.0 | 200 | 4.0 | 20.0 | | | | |
| 2N5397 | 72 | FN36.1 | 25 | 5.0 | 1.2 | 1.0 | 6.0 | 0.10 | 5.5 | 450 | 10.0 | 30.0 | 15.0 | 450 | 3.5 | 450 |
| 2N5398 | 72 | FN36.1 | 25 | 5.5 | 1.3 | 1.0 | 6.0 | 0.10 | 5.0 | 450 | 5.0 | 40.0 | | | 3.2 | 450 |
| 2N5484 | 18 | FN2.5 | 25 | 5.0 | 1.0 | 0.3 | 3.0 | 0.10 | 2.5 | 100 | 1.0 | 5.0 | 16.0 | 100 | 3.0 | 100 |
| 2N5485 | 18 | FN2.5 | 25 | 5.0 | 1.0 | 1.0 | 4.0 | 1.00 | 3.0 | 400 | 4.0 | 10.0 | 10.0 | 400 | 4.0 | 400 |
| 2N5486 | 92 | FN2.5 | 25 | 5.0 | 1.0 | 2.0 | 6.0 | 1.00 | 3.5 | 400 | 8.0 | 20.0 | 10.0 | 400 | 4.0 | 400 |
| 2N5668 | 92 | FN2.5 | 25 | 7.0 | 3.0 | 2.0 | 4.0 | 2.00 | 1.0 | 100 | 1.0 | 5.0 | 16.0 | 100 | 2.5 | 100 |
| 2N5669 | 92 | FN2.5 | 25 | 7.0 | 3.0 | 1.0 | 6.0 | 2.00 | 1.6 | 100 | 4.0 | 8.0 | 16.0 | 100 | 2.5 | 100 |
| 2N5670 | 92 | FN2.5 | 25 | 7.0 | 3.0 | 2.0 | 8.0 | 2.00 | 2.5 | 100 | 8.0 | 20.0 | 16.0 | 100 | 2.5 | 100 |
| J300 | 92 | FN71.1 | 25 | 5.5 | 1.7 | 0.0 | 6.0 | 0.50 | 4500.0 | 0.001 | 6.0 | 30.0 | — | — | | |
| J308 | 92 | FN71.1 | 25 | 5.0 | 2.5 | 1.0 | 6.5 | 1.00 | 8000.0 | 0.001 | 12.0 | 60.0 | 14.0 | 100 | 2.0 | 100 |
| J309 | 92 | FN71.1 | 25 | 5.5 | 2.5 | 1.0 | 4.0 | 0.50 | | 0.001 | 12.0 | 30.0 | 14.0 | 100 | 2.0 | 100 |
| J310 | 92 | FN71.1 | 25 | 7.5 | 2.5 | 2.0 | 6.5 | 1.00 | 8.0 | 0.001 | 24.0 | 60.0 | 14.0 | 100 | 2.0 | 100 |
| KK3819 | 92 | FN2.5 | 25 | 8.0 | 4.0 | — | 8.0 | 15.00 | 1600.0 | 100 | 2.0 | 20.0 | — | — | 2.0 | 100 |
| KK3823 | 92 | FN2.5 | 20 | 6.0 | 2.0 | — | 8.0 | 0.50 | 3200.0 | 200 | 4.0 | 20.0 | — | — | 2.5 | 100 |
| KK4223 | 92 | FN2.5 | 30 | 6.0 | 2.0 | 0.1 | 8.0 | 0.25 | 2.7 | 200 | 3.0 | 18.0 | 10.0 | 200 | 5.0 | 200 |
| KK4224 | 92 | FN2.5 | 30 | 6.0 | 2.0 | 0.1 | 8.0 | 0.25 | 1700.0 | 200 | 2.0 | 20.0 | 10.0 | 200 | — | — |
| KK4416 | 92 | FN2.5 | 30 | 4.0 | 0.8 | 1.0 | 6.0 | 0.10 | 4000.0 | 400 | 5.0 | 15.0 | 10.0 | 400 | 4.0 | 400 |
| KK5103 | 92 | FN2.5 | 25 | 5.0 | 1.0 | 0.5 | 4.0 | 0.10 | 2000.0 | 0.001 | — | 1.0 | 8.0 | 100 | — | — |
| KK5104 | 92 | FN2.5 | 25 | 5.0 | 1.0 | 0.5 | 4.0 | 0.10 | 3500.0 | 0.001 | 2.0 | 6.0 | — | — | — | — |
| KK5105 | 92 | FN2.5 | 25 | 5.0 | 1.0 | | 4.0 | 0.10 | 5000.0 | 0.001 | 5.0 | 15.0 | — | — | — | — |
| U308 | 52 | FN71.1 | 25 | 5.0 | 2.5 | 1.0 | 6.0 | 0.15 | 8000.0 | 0.001 | 12.0 | 60.0 | 10.0 | — | 2.0 | 450 |
| U309 | 52 | FN71.1 | 25 | 5.0 | 2.5 | 1.0 | 4.0 | 0.15 | 10000.0 | 0.001 | 12.0 | 30.0 | 10.0 | — | 2.0 | 450 |
| U310 | 52 | FN71.1 | 25 | 5.0 | 2.5 | 25.0 | 6.0 | 0.15 | 8000.0 | 0.001 | 24.0 | 60.0 | 10.0 | — | 2.0 | 450 |
| U312 | 52 | FN36.1 | 25 | 3.8 | 1.2 | 1.0 | 6.0 | 0.10 | 6000.0 | 0.001 | 10.0 | 30.0 | 10.0 | — | 2.0 | 450 |
| U1994E | 92 | FN2.5 | 30 | 4.0 | 0.8 | | 6.0 | 0.10 | 4000.0 | 400 | 5.0 | 15.0 | 10.0 | 400 | 4.0 | 400 |
| UC588 | 92 | FN2.5 | 30 | 4.0 | 1.2 | 1.0 | 6.0 | 1.00 | 4500.0 | 0.001 | 5.0 | 15.0 | — | — | — | — |
| UC734 | 72 | FN2.5 | 30 | 4.0 | 0.8 | 1.0 | 8.0 | 5.00 | 3000.0 | 200 | 4.0 | 20.0 | — | — | — | — |
| UC734E | 92 | FN2.5 | 30 | 4.5 | 1.0 | 1.0 | 8.0 | 5.00 | 3000.0 | 200 | 4.0 | 20.0 | — | — | — | — |

• 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.

# ULTRA LOW LEAKAGE N-CHANNEL FETS

| Type Number | Case Style (TO—) | Geometry | BVgss Min (V) | Ciss Max (pF) | Crss Max (pF) | Vgs (off) Min (V) | Vgs (off) Max (V) | Igss Max (pA) | Yls Min (uMhos) | Yls Max (uMhos) | Idss Min (mA) | Idss Max (mA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2N4117 | 72 | FN2.2 | 40 | 3.0 | 1.5 | 0.6 | 1.8 | 10.0 | 20 | 210 | 30 | 90 |
| 2N4117A | 72 | FN2.2 | 40 | 3.0 | 1.5 | 0.6 | 1.8 | 1.0 | 70 | 210 | 30 | 90 |
| 2N4118 | 72 | FN2.2 | 40 | 3.0 | 1.5 | 2.0 | 3.0 | 10.0 | 80 | 250 | 80 | 240 |
| 2N4118A | 72 | FN2.2 | 40 | 3.0 | 1.5 | 1.0 | 3.0 | 1.0 | 80 | 250 | 80 | 240 |
| 2N4119 | 72 | FN2.2 | 40 | 3.0 | 1.5 | 2.0 | 6.0 | 10.0 | 100 | 330 | 200 | 600 |
| 2N4119A | 72 | FN2.2 | 40 | 3.0 | 1.5 | 2.0 | 6.0 | 1.0 | 100 | 330 | 200 | 600 |

## LOW POWER FIELD EFFECT TRANSISTORS

# DUAL N-CHANNEL FETS

| Type Number | Case Style (TO—) | Geometry | BVgss Min (V) | Ciss Max (pF) | Vgss(off) Min (V) | Vgss(off) Max (V) | Idss Min (mA) | Idss Max (mA) | Yfs Min (UMhos) | Yfs Max (UMhos) | Yfs[1]/ Yfs[2] Match (%) | Idss[1]/ Idss[2] Match (%) | Vgs[1] Vgs[2] (mV) | ΔVgs (uV/°C) | Yos Max (uMhos) | Igss Max nA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2N3921 | 71 | FN3.6 | 50 | 18.0 | 0.2 | 3.0 | 1.0 | 10.0 | 1500 | 7500 | 5.0 | — | 5.0 | 10.0 | 35 | 0.250 |
| 2N3922 | 71 | FN3.6 | 50 | 18.0 | 0.2 | 3.0 | 1.0 | 10.0 | 1500 | 7500 | 5.0 | — | 5.0 | 25.0 | 35 | 0.250 |
| 2N3954 | 71 | FN22.2 | 50 | 4.0 | 1.0 | 4.5 | 0.5 | 5.0 | 1000 | 3000 | 3.0 | 5.0 | 5.0 | 10.0 | 35 | 0.100 |
| 2N3954A | 71 | FN22.2 | 50 | 4.0 | 1.0 | 4.5 | 0.5 | 5.0 | 1000 | 3000 | 3.0 | 5.0 | 5.0 | 5.0 | 35 | 0.100 |
| 2N3955 | 71 | FN22.2 | 50 | 4.0 | 1.0 | 4.5 | 0.5 | 5.0 | 1000 | 3000 | 5.0 | 5.0 | 10.0 | 25.0 | 35 | 0.100 |
| 2N3955A | 71 | FN22.2 | 50 | 4.0 | 1.0 | 4.5 | 0.5 | 5.0 | 1000 | 3000 | 3.0 | 5.0 | 10.0 | 15.0 | 35 | 0.100 |
| 2N3956 | 71 | FN22.2 | 50 | 4.0 | 1.0 | 4.5 | 0.5 | 5.0 | 1000 | 3000 | 3.0 | 5.0 | 18.0 | 50.0 | 35 | 0.100 |
| 2N3957 | 71 | FN22.2 | 50 | 4.0 | 1.0 | 4.5 | 0.5 | 5.0 | 1000 | 3000 | 10.0 | 10.0 | 20.0 | 75.0 | 35 | 0.100 |
| 2N3958 | 71 | FN22.2 | 50 | 4.0 | 1.0 | 4.5 | 0.5 | 5.0 | 1000 | 3000 | 15.0 | 15.0 | 25.0 | 100.0 | 35 | 0.100 |
| 2N4082 | | FN22.2 | | | See 2N 3954-6 as an improved replacement. | | | | | | | | | | | |
| 2N4083 | | FN39.8 | | | See 2N 3954-6 as an improved replacement. | | | | | | | | | | | |
| 2N4084 | 71 | FN3.6 | 50 | 18.0 | — | 2.7 | 1.0 | 10.0 | 1500 | — | 5.0 | — | 15.0 | 10.0 | 35 | 0.250 |
| 2N4085 | 71 | FN3.6 | 50 | 18.0 | 1.0 | 2.0 | | | 1500 | — | 5.0 | — | 25.0 | 25.0 | 35 | 0.250 |
| 2N5045 | 71 | FN22.2 | 50 | 8.0 | 0.5 | 4.5 | 0.5 | 8.0 | 1500 | 6000 | 5.0 | 5.0 | 5.0 | 67.0 | 25 | 0.250 |
| 2N5046 | 71 | FN22.2 | 50 | 8.0 | 0.5 | 4.5 | 0.5 | 8.0 | 1500 | 6000 | 10.0 | 10.0 | 10.0 | 133.0 | 25 | 0.250 |
| 2N5047 | 71 | FN22.2 | 50 | 8.0 | 0.5 | 4.5 | 0.5 | 8.0 | 1500 | 6000 | 20.0 | 20.0 | 15.0 | 200.0 | 25 | 0.025 |
| 2N5196 | 71 | FN22.2 | 50 | 6.0 | 0.7 | 4.0 | 0.7 | 7.0 | 1000 | 4000 | 3.0 | 5.0 | 5.0 | 5.0 | 50 | 0.025 |
| 2N5197 | 71 | FN22.2 | 50 | 6.0 | 0.7 | 4.0 | 0.7 | 7.0 | 1000 | 4000 | 3.0 | 5.0 | 5.0 | 10.0 | 50 | 0.025 |
| 2N5198 | 71 | FN22.2 | 50 | 6.0 | 0.7 | 4.0 | 0.7 | 7.0 | 1000 | 4000 | 5.0 | 5.0 | 10.0 | 20.0 | 50 | 0.025 |
| 2N5199 | 71 | FN22.2 | 50 | 6.0 | 0.7 | 4.0 | 0.7 | 7.0 | 1000 | 4000 | 5.0 | 5.0 | 15.0 | 40.0 | 50 | 0.025 |
| 2N5452 | 71 | FN22.2 | 50 | 4.0 | 1.0 | 4.5 | 0.5 | 5.0 | 1000 | 3000 | 5.0 | 5.0 | 5.0 | 5.0 | 1 | 0.100 |
| 2N5453 | 71 | FN22.2 | 50 | 4.0 | 1.0 | 4.5 | 0.5 | 5.0 | 1000 | 3000 | 3.0 | 5.0 | 10.0 | 10.0 | 1 | 0.100 |
| 2N5454 | 71 | FN22.2 | 50 | 4.0 | 1.0 | 4.5 | 0.5 | 5.0 | 1000 | 3000 | 5.0 | 5.0 | 15.0 | 25.0 | 1 | 0.100 |
| 2N5515 | 71 | FN39.8 | 40 | 25.0 | 0.8 | 4.0 | 0.5 | 7.5 | 1000 | 4000 | 3.0 | 5.0 | 5.0 | 5.0 | 1 | 0.250 |
| 2N5516 | 71 | FN39.8 | 40 | 25.0 | 0.8 | 4.0 | 0.5 | 7.5 | 1000 | 4000 | 3.0 | 5.0 | 5.0 | 10.0 | 1 | 0.250 |
| 2N5517 | 71 | FN39.8 | 40 | 25.0 | 0.8 | 4.0 | 0.5 | 7.5 | 1000 | 4000 | 5.0 | 5.0 | 10.0 | 20.0 | 1 | 0.250 |
| 2N5518 | 71 | FN39.8 | 40 | 25.0 | 0.8 | 4.0 | 0.5 | 7.5 | 1000 | 4000 | 5.0 | 5.0 | 15.0 | 40.0 | 1 | 0.250 |
| 2N5519 | 71 | FN39.8 | 40 | 25.0 | 0.8 | 4.0 | 0.5 | 7.5 | 1000 | 4000 | 10.0 | 10.0 | 15.0 | 80.0 | 1 | 0.250 |
| 2N5520 | 71 | FN39.8 | 40 | 25.0 | 0.8 | 4.0 | 0.5 | 7.5 | 1000 | 4000 | 3.0 | 5.0 | 5.0 | 5.0 | 1 | 0.250 |
| 2N5521 | 71 | FN39.8 | 40 | 25.0 | 0.8 | 4.0 | 0.5 | 7.5 | 1000 | 4000 | 3.0 | 5.0 | 5.0 | 10.0 | 1 | 0.250 |
| 2N5522 | 71 | FN39.8 | 40 | 25.0 | 0.8 | 4.0 | 0.5 | 7.5 | 1000 | 4000 | 5.0 | 5.0 | 10.0 | 20.0 | 1 | 0.250 |
| 2N5523 | 71 | FN39.8 | 40 | 25.0 | 0.8 | 4.0 | 0.5 | 7.5 | 1000 | 4000 | 5.0 | 5.0 | 15.0 | 40.0 | 1 | 0.250 |
| 2N5524 | 71 | FN39.8 | 40 | 25.0 | 0.8 | 4.0 | 0.5 | 7.5 | 1000 | 4000 | 10.0 | 10 | 15.0 | 80.0 | 1 | 0.250 |
| 2N5545• | 71 | FN3.6 | 50 | 6.0 | 0.5 | 4.5 | 0.5 | 8.0 | 1500 | 6000 | 3.0 | 5.0 | 5.0 | 10.0 | 25 | 0.100 |
| 2N5546• | 71 | FN3.6 | 50 | 6.0 | 0.5 | 4.5 | 0.5 | 8.0 | 1500 | 6000 | 5.0 | 10.0 | 10.0 | 20.0 | 25 | 0.100 |
| 2N5547• | 71 | FN3.6 | 50 | 6.0 | 0.5 | 4.5 | 0.5 | 8.0 | 1500 | 6000 | 10.0 | 10.0 | 15.0 | 40.0 | 25 | 0.100 |
| 2N5661 | 71 | FN5.5 | 50 | 15.0 | 0.8 | 3.0 | 1.0 | 10.0 | 2000 | 3000 | 3.0 | 5.0 | 5.0 | 5.0 | 25 | 100 |
| 2N5562 | 71 | FN5.5 | 50 | 15.0 | 0.8 | 3.0 | 1.0 | 10.0 | 2000 | 3000 | 3.0 | 5.0 | 10.0 | 10.0 | 25 | 100 |
| 2N5563 | 71 | FN5.5 | 50 | 15.0 | 0.8 | 3.0 | 1.0 | 10.0 | 2000 | 3000 | 5.0 | 5.0 | 15.0 | 25.0 | 25 | 100 |
| 2N5564 | 71 | FN7.1 | 40 | 12.0 | 0.5 | 3.0 | 5.0 | 30.0 | 7500 | 15000 | 5.0 | 5.0 | 5.0 | 10.0 | 45 | 0.100 |
| 2N5565 | 71 | FN7.1 | 40 | 12.0 | 0.5 | 3.0 | 5.0 | 30.0 | 7500 | 15000 | 10.0 | 5.0 | 10.0 | 25.0 | 45 | 0.100 |
| 2N5566 | 71 | FN7.1 | 40 | 12.0 | 0.5 | 3.0 | 5.0 | 30.0 | 7500 | 15000 | 10.0 | 5.0 | 20.0 | 50.0 | 45 | 0.100 |

• These devices are qualified for JAN, JTX, and JTXV.

Solitron Devices, Inc.

# LOW POWER FIELD EFFECT TRANSISTORS

## DUAL N-CHANNEL FETS

| Type Number | Case Style (TO—) | Geometry | BVgss Min (V) | Ciss Max (pF) | Vgss(off) Min (V) | Vgss(off) Max (V) | Idss Min (mA) | Idss Max (mA) | Yfs Min (UMhos) | Yfs Max (UMhos) | Yfs[1]/ Yfs[2] Match (%) | Idss[1]/ Idss[2] Match (%) | Vgs[1] Vgs[2] (mV) | ΔVgs (uV/°C) | Yos Max (uMhos) | Igss Max nA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | BVgss Min (V) | Ciss Max (pF) | Crss Max (pF) | Vgss(off) Min (V) | Vgss(off) Max (V) | Idss Min (mA) | Idss Max (mA) | Yfs Max (uMhos) | Yfs[1]/ Yfs[2] Match (%) | Idss[1]/ Vgs[1] Vgs[2] (mV) | Vgs (uV/°C) | Idss[2] Match (%) | Igss Max (pA) | Yos Max (uMhos) | CMRR 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 |