

LOW POWER FIELD EFFECT TRANSISTORS

GENERAL PURPOSE P-CHANNEL FETS

| Type Number | Case Style (TO—) | Geometry | •BVD _{gs} or BV _{gs} | | V _{gs} (off) | | I _{gss} Max (mA) | I _{ds} | | Y _{fs} | | Y _{os} Max (uMhos) | R(on) Max (ohms) |
|-------------|------------------|----------|--|----------|-----------------------|----------|---------------------------|-----------------|-------|-----------------|-------------|-----------------------------|------------------|
| | | | Min (V) | Max (pF) | Min (V) | Max (nA) | | Min | Max | Min | Max (uMhos) | | |
| 2N2386 | 5 | FP5.3 | •20 | 50.0 | — | 8.0 | 10.0 | 0.9 | 9.0 | 1000 | — | 0.3 | — |
| 2N2386A | 5 | FP5.3 | •20 | 10.0 | — | 8.0 | 10.0 | 0.9 | 15.0 | 2200 | 5000 | 10.0 | — |
| 2N2497 | 5 | FP5.3 | 20 | 32.0 | — | 5.0 | 10.0 | 1.0 | 3.0 | 1000 | 2000 | 20.0 | 1000 |
| 2N2498 | 5 | FP5.3 | 20 | 32.0 | — | 6.0 | 10.0 | 2.0 | 6.0 | 1500 | 3000 | 40.0 | 800 |
| 2N2499 | 5 | FP5.3 | 20 | 32.0 | — | 8.0 | 10.0 | 5.0 | 15.0 | 2000 | 4000 | 100.0 | 600 |
| 2N2500 | 5 | FP5.3 | 20 | 32.0 | — | 6.0 | 10.0 | 1.0 | 10.0 | 1000 | 2200 | 20.0 | — |
| 2N2606 | 18 | FP22.2 | 30 | 6.0 | 1.0 | 4.0 | 1.0 | 0.1 | 0.5.0 | 110 | — | — | — |
| 2N2607 | 18 | FP22.2 | 30 | 10.0 | 1.0 | 4.0 | 3.0 | 0.3 | 1.5 | 330 | 1000 | — | — |
| 2N2608 | 18 | FP22.2 | 30 | 17.0 | 1.0 | 4.0 | 10.0 | 0.9 | 4.5 | 1000 | 2500 | — | — |
| 2N2609• | 18 | FP22.2 | 30 | 30.0 | 1.0 | 4.0 | 30.0 | 2.0 | 10.0 | 2500 | — | — | — |
| 2N2841 | 18 | FP22.2 | 30 | 6.0 | — | 1.7 | 1.0 | — | 13.0 | 60 | — | — | — |
| 2N2842 | 18 | FP22.2 | 30 | 10.0 | — | 1.7 | 3.0 | — | 33.0 | 180 | — | — | — |
| 2N2843 | 18 | FP5.3 | 30 | 17.0 | — | 1.7 | 10.0 | 0.2 | 1.0 | 540 | — | — | — |
| 2N2844 | 18 | FP22.2 | 30 | 30.0 | — | 1.7 | 30.0 | 0.44 | 2.2 | 1800 | — | — | — |
| 2N3328 | 72 | FP22.2 | 20 | 4.0 | — | 6.0 | 1.0 | — | 1.0 | 100 | — | — | — |
| 2N3329 | 72 | FP5.3 | 20 | 20.0 | — | 5.0 | 10.0 | 1.0 | 3.0 | 1000 | 2200 | 20.0 | 1000 |
| 2N3330 | 72 | FP5.3 | 20 | 20.0 | — | 5.0 | 10.0 | 2.0 | 6.0 | 1500 | 3000 | 40.0 | 800 |
| 2N3331 | 72 | FP5.3 | 20 | 20.0 | — | 8.0 | 10.0 | 5.0 | 15.0 | 2000 | 4000 | 100.0 | 600 |
| 2N3332 | 72 | FP5.3 | 20 | 20.0 | — | 6.0 | 10.0 | 1.0 | 6.0 | 1000 | 2200 | 20.0 | — |
| 2N3376 | 72 | FP5.3 | 30 | 3.0 | — | 5.0 | 3.0 | — | 10.0 | 800 | 2300 | — | 1500 |
| 2N3378 | 72 | FP22.2 | 30 | 3.0 | — | 5.0 | 3.0 | 0.1 | 1.0 | 1500 | 2300 | — | 750 |
| 2N3380 | 72 | FP5.3 | 30 | 5.0 | 4.0 | 9.5 | 3.0 | 3.0 | 20.0 | 1500 | 3000 | — | 600 |
| 2N3382 | 72 | FP5.3 | 30 | 16 typ | — | 5.0 | 15.0 | 3.0 | 30.0 | 4500 | 12500 | — | 300 |
| 2N3384 | 72 | FP7.3 | 30 | 16 typ | — | 5.0 | 15.0 | 15.0 | 30.0 | 7500 | 12500 | — | 180 |
| 2N3386 | 72 | FP5.3 | 30 | 16 typ | 4.0 | 9.5 | 15.0 | 15.0 | 60.0 | 7500 | 15000 | — | 150 |
| 2N3574 | 72 | FP22.2 | 25 | 6.0 | 0.5 | 2.0 | 600.0 | 0.15 | .380 | 200 | 600 | 10.0 | — |
| 2N3575 | 72 | FP22.2 | 25 | 6.0 | 1.0 | 4.0 | 0.6 | — | 1.0 | 300 | 900 | 20.0 | — |
| 2N3578 | 18 | FP22.2 | 20 | 65.0 | 1.0 | 4.0 | 10.0 | — | 4.5 | 1200 | 3500 | 15.0 | — |
| 2N3909 | 72 | FP5.3 | 20 | 32.0 | 8.0 | 10.0 | 3.0 | 1.0 | 5.0 | 1000 | 5000 | 100.0 | — |
| UC400 | 72 | FP5.3 | 30 | 8.0 | — | 6.0 | 0.1 | 5.0 | 15.0 | 3000 | — | — | — |
| UC410 | 72 | FP5.3 | 30 | 8.0 | 0.5 | 4.0 | 0.1 | 2.0 | 6.0 | 2250 | — | — | — |
| UC420 | 72 | FP5.3 | 30 | 8.0 | 0.2 | 2.5 | 0.1 | 0.5 | 2.3 | 1500 | — | — | — |
| UC803 | 92 | FP22.2 | 25 | 6.0 | 1.0 | 6.0 | 0.5 | 0.3 | 3.0 | 250 | 2500 | — | — |
| UC805 | 72 | FP5.3 | 25 | 12.0 | 1.0 | 8.0 | 1.0 | 0.3 | 25.0 | 1000 | 10000 | — | 25.0 |
| UC814 | 72 | FP5.3 | 3 | 16.0 | 1.0 | 8.0 | 2.0 | 0.3 | 15.0 | 800 | 5000 | — | 1.3 |
| UC851 | 18 | FP5.3 | 20 | 17.0 | 1.0 | 6.0 | 4.0 | 0.9 | 9.0 | 1000 | — | — | — |
| UC853 | 18 | FP5.3 | 25 | 10.0 | 1.0 | 6.0 | 4.0 | 1.0 | 10.0 | 180 | — | — | — |
| UC854 | 18 | FP5.3 | 25 | 17.0 | 1.0 | 6.0 | 15.0 | 0.2 | — | 540 | — | — | — |
| UC855 | 18 | FP5.3 | 25 | 25.0 | 1.0 | 6.0 | 25.0 | 0.44 | — | 1400 | — | — | — |

• This device qualified for JAN.

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.