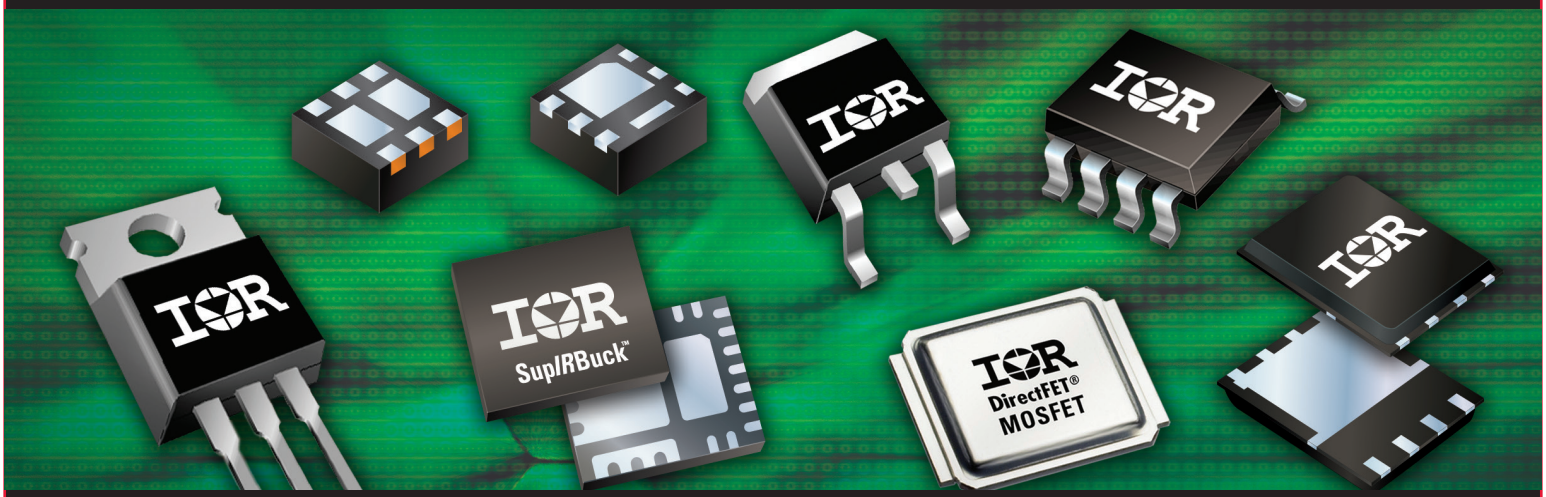
# Эталонные MOSFET транзисторы
# Руководство по выбору




International
IOR Rectifier
THE POWER MANAGEMENT LEADER

## PowIR MOSFET транзисторы

| Напряжение (В) | Ток стока (А) $T_C$= 25°C | Сопр-е канала $R_{DS(on)}$ макс. при 10В (мОм) | Заряд затвора тип. при 10В (нКл) | PQFN 2x2 | SOT-23 | TSOP-6 | SO-8 |
|---|---|---|---|---|---|---|---|
| -30 | -20 | 4.6 | 58 | | | | IRF9310 |
| | -16 | 6.6 | 31 | | | | IRF9317 |
| | -15 | 7.2 | 34 | | | | IRF9321 |
| | -12 | 11.9 | 18 | | | | IRF9328 |
| | -12 | 11.9 | 18 | | | | IRF9388 |
| | -9.8 | 17.5 | 14 | | | | IRF9332 |
| | -9.8 | 17.5 | 14 | | | | IRF9392 |
| | -9.2 | 19.4 | 14 | | | | IRF9393 |
| | -9.2 | 19.4 | 14 | | | | IRF9333 |
| | -6 | 37 | 6.9 | IRFHS9301 | | | |
| | -5.8 | 40 | 12 | | | IRFTS9342 | |
| | -5.4 | 59 | 4.7 | | | | IRF9335 |
| | -3.6 | 64 | 4.8 | | IRLML9301 | | |
| | -2.3 | 165 | 2 | | IRLML9303 | | |
| -20 | -7.2 | 31† | 12 | IRLHS2242 | | | |
| | -6.9 | -32† | 12 | | | IRLTS2242 | |
| | -4.3 | 54† | 6.9 | | IRLML2244 | | |
| | -2.6 | 135† | 2.9 | | IRLML2246 | | |
| 20 | 4.1 | 46† | 3.5 | | IRLML6246 | | |
| | 6.3 | 21† | 8.9 | | IRLML6244 | | |
| | 10 | 11.7†† | 14 | IRLHS6242 | | | |
| | 20 | 4.4 | 22 | | | | IRF3717 |
| | 27 | 2.45† | 130 | | | | IRF6201 |
| 25 | 5.8 | 24 | 5.4 | | IRFML8244 | | |
| | 9.9 | 13 | 4.3 | IRFHS8242 | | | |
| | 25 | 2.7 | 35 | | | | IRF8252 |
| 30 | 2.7 | 100 | 1 | | IRLML2030 | | |
| | 3.4 | 63† | 2.9 | | IRLML6346 | | |
| | 5 | 29† | 6.8 | | IRLML6344 | | |
| | 5.3 | 27 | 2.6 | | IRLML0030 | | |
| | 8.2 | 19 | 4.8 | | | IRFTS8342 | |
| | 8.3 | 17.5† | 11 | | | IRLTS6342 | |
| | 8.7 | 15.5† | 11 | IRLHS6342 | | | |
| | 9.9 | 14.6† | 11 | | | | IRL6342 |
| | 11 | 11.9 | 6.2 | | | | IRF8707 |
| | 14 | 8.7 | 8.1 | | | | IRF8714 |
| | 14 | 8.5 | 8.3 | | | | IRF8721 |
| | 18 | 4.8 | 17 | | | | IRF8736 |
| | 19* | 16 | 4.2 | IRFHS8342 | | | |
| | 21 | 3.3 | 30 | | | | IRF7862 |
| | 21 | 3.5 | 20 | | | | IRF8734 |
| | 24 | 2.8 | 44 | | | | IRF8788 |
| 40 | 3.6 | 56 | 2.6 | | IRLML0040 | | |
| | 18 | 5 | 33 | | | | IRF7842 |
| 60 | 1.2 | 480 | 0.67 | | IRLML2060 | | |
| | 2.7 | 92 | 2.5 | | IRLML0060 | | |
| | 12 | 9.4 | 26 | | | | IRF7855 |
| 80 | 9.2 | 15 | 31 | | | | IRF7493 |
| | 10 | 13.4 | 27 | | | | IRF7854 |
| 100 | 1.6 | 220 | 2.5 | | IRLML0100 | | |
| | 7.3 | 22 | 34 | | | | IRF7495 |
| | 8.3 | 18 | 28 | | | | IRF7853 |
| 150 | 5.1 | 43 | 25 | | | | IRF7815 |
| 200 | 3.7 | 78 | 29 | | | | IRF7820 |

* ток стока при TC=25°C  † Сопротивление $R_{DS(on)}$ при напряжении затвора-исток = 4.5В

## Сдвоенные MOSFET транзисторы

| Напряжение (В) | Ток стока (А) $T_C$= 25°C | Конфигурация | PQFN | | SO-8 | TSSOP-8 |
|---|---|---|---|---|---|---|
| | | | наименование | посадочное место | | |
| -30 | -9.2 | Независимые симметричные | | | IRF9358TR | |
| | -8 | Независимые симметричные | | | IRF9362TR | |
| | -2.3 | Независимые симметричные | IRFHS9351 | 2 x 2 | | |
| 20 | 4.5 | Независимые симметричные | IRLHS6276 | 2 x 2 | | |
| 25 | 7.8 | Независимые симметричные | | | | IRF8852TR |
| 30 | 3.6 | Независимые симметричные | IRLHS6376 | 2 x 2 | | |
| | 7.6 | Асимметричный полумост | | | IRF7904TR | |
| | 8 | Асимметричный полумост | | | IRF8513TR | |
| | 8.1 | Независимые симметричные | | | IRL6372TR | |
| | 8.9 | Независимые асимметричные | | | IRF7905TR | |
| | 9.1 | Независимые асимметричные | | | IRF7907TR | |
| | 9.7 | Независимые симметричные | | | IRF8313TR | |
| | 11 | Независимые симметричные | IRFHM8363 | 3.3 x 3.3 E | | |
| | 13 | Асимметричный полумост | IRFH7911 | 5 x 6 C | | |
| 50 | 3 | Независимые симметричные | | | IRF7103U | |
| 60 | 8 | Независимые симметричные | | | IRF7351TR | |
| 100 | 2.3 | Независимые симметричные | IRFHM792 | 3.3 x 3.3 E | | |

# Силовые SMD MOSFET транзисторы

| Напряжение (В) | Ток стока (А) $T_C = 25°C$ | Сопр-е канала $R_{DS(on)}$ макс. при 10В (мОм) | Qg Typ @ $10V_{GS}$ (nC) | DirectFET | | PQFN | | D-Pak | $D^2$Pak | $D^2$Pak-7-Lead |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | наименование | корпус | наименование | посадочное место | | | |
| -30 | -22* | 2.9 | 130 | IRF9383M | MX | | | | | |
| | -24 | 14.6 | 16 | | | IRFHM9331 | 3 x 3 | | | |
| | -40 | 4.6 | 58 | | | IRFH9310 | 5 x 6 A | | | |
| 20 | 32* | 1.8 | 47 | IRF6691 | MT | | | | | |
| | 36 | 16 | 4.8 | | | | | | IRL3714ZS | |
| | 37 | 15 | 4.7 | | | | | IRLR3714Z | | |
| | 49 | 11 | 7.2 | | | | | IRLR3715Z | | |
| | 50 | 11 | 7 | | | | | | IRL3715ZS | |
| | 60 | 8.4 | 9.3 | | | | | IRFR3704Z | | |
| | 67 | 7.9 | 8.7 | | | | | | IRF3704ZS | |
| | 92 | 6 | 16 | | | | | | IRF3711ZS | |
| | 93 | 5.7 | 18 | | | | | IRFR3711Z | | |
| | 120 | 4.2 | 21 | | | | | IRLR3717 | | |
| 24 | 340 | 1.65 | 160 | | | | | | IRF1324S | |
| | 429 | 1 | 180 | | | | | | | IRF1324S-7P |
| 25 | 16* | 5.2 | 7.4 | IRF6810S | S1 | | | | | |
| | 40 | 4.4 | 7.7 | | | IRFHM4234 | 3.3 x3.3 | | | |
| | 40 | 3.3 | 10 | | | IRFHM4231 | 3.3 x3.3 | | | |
| | 40 | 2.2 | 17 | | | IRFHM4226 | 3.3 x3.3 | | | |
| | 51 | 6 | 7 | | | IRFH5255 | 5 x 6 B | | | |
| | 60 | 4.5 | 8.2 | | | IRFH4234 | 5 x 6 B | | | |
| | 60 | 3.5 | 10 | | | IRFH4231 | 5 x 6 B | | | |
| | 74 | 3.7 | 11 | IRF6811S | SQ | | | | | |
| | 100 | 1.4 | 39 | | | IRFH5250D | 5 x 6 B | | | |
| | 100 | 1.15 | 52 | | | IRFH5250 | 5 x 6 B | | | |
| | 100 | 1.35 | 26 | | | IRFH4213D | 5 x 6 B | | | |
| | 100 | 1.35 | 26 | | | IRFH4213 | 5 x 6 B | | | |
| | 100 | 1.1 | 36 | | | IRFH4210D | 5 x 6 B | | | |
| | 100 | 1.1 | 36 | | | IRFH4210 | 5 x 6 B | | | |
| | 100 | 0.95 | 46 | | | IRFH4201 | 5 x 6 B | | | |
| | 125 | 1.7 | 17 | IRF6892S | 3C | | | | | |
| | 160 | 1.3 | 26 | IRF6894M | MX | | | | | |
| | 168 | 1.6 | 25 | IRF6893M | MX | | | | | |
| | 213 | 1.1 | 35 | IRF6898M | MX | | | | | |
| 30 | 29 | 12.4 | 5.4 | | | IRFH3707 | 3 x 3 | | | |
| | 35 | 12.8 | 4.7 | | | IRFH8337 | 5 x 6 E | | | |
| | 35 | 8 | 7.9 | IRF6720S2 | S1 | | | | | |
| | 36 | 8.9 | 6.6 | IRF6708S2 | S1 | | | | | |
| | 40 | 4.3 | 13 | | | IRFHM830D | 3.3 x 3.3 | | | |
| | 40 | 3.8 | 31 | | | IRFHM830 | 3.3 x 3.3 | | | |
| | 42 | 7.1 | 9.6 | | | IRFH3702 | 3 x 3 | | | |
| | 43 | 13.8 | 7 | | | | | IRLR7807Z | | |
| | 44 | 9 | 7.1 | | | IRFH8334 | 5 x 6 E | | | |
| | 45 | 8.1 | 7.8 | | | IRFH5306 | 5 x 6 B | | | |
| | 47 | 7.8 | 7.3 | | | IRFHM831 | 3.3 x 3.3 | | | |
| | 56 | 7.7 | 11 | IRF6722M | MP | | | | | |
| | 56 | 6.6 | 9.3 | | | IRFH8330 | 5 x 6 E | | | |
| | 57 | 6.1 | 26 | | | IRFHM8329 | 3.3 x 3.3 | | | |
| | 58 | 7.7 | 11 | IRF6722S | ST | | | | | |
| | 58 | 8.9 | 10 | | | | | IRLR8729 | | |
| | 59 | 9.5 | 9.7 | | | | | | IRF3707ZS | |
| | 60 | 7.3 | 9.2 | IRF8327S | SQ | | | | | |
| | 65 | 8.4 | 8.5 | | | | | IRLR8721 | | |
| | 79 | 4.5 | 16 | | | IRFH5304 | 5 x 6 B | | | |
| | 82 | 5 | 15 | | | IRFH8325 | 5 x 6 E | | | |
| | 82 | 4.2 | 15 | | | IRFH5303 | 5 x 6 B | | | |
| | 83 | 4.9 | 19.4 | | | IRFH8321 | 5 x 6 E | | | |
| | 86 | 5.8 | 15 | | | | | IRLR8726 | | |
| | 87 | 6.3 | 17 | | | | | | IRF3709ZS | |
| | 90 | 4.1 | 14 | | | IRFH8324 | 5 x 6 E | | | |
| | 94 | 6 | 22 | | | | | IRLR8113 | | |
| | 100 | 1.4 | 50 | | | IRFH5300 | 5 x 6 B | | | |
| | 100 | 1.3 | 50 | | | IRFH8307 | 5 x 6 B | | | |
| | 100 | 1.85 | 37 | | | IRFH5301 | 5 x 6 B | | | |
| | 100 | 2.1 | 29 | | | IRFH5302 | 5 x 6 B | | | |
| | 100 | 2.5 | 26 | | | IRFH5302D | 5 x 6 B | | | |
| | 105 | 6 | 23 | | | | | | IRL8113S | |
| | 120 | 3.1 | 41 | | | IRFH8318 | 5 x 6 E | | | |
| | 120 | 2.95 | 30 | | | IRFH8316 | 5 x 6 E | | | |
| | 140 | 2.5 | 25 | IRF8306M | MX | | | | | |
| | 150 | 3.8 | 32 | | | | | | IRL7833S | |
| | 150 | 2.5 | 28 | IRF8308M | MX | | | | | |
| | 160 | 3.1 | 39 | | | | | IRLR8743 | | |
| | 169 | 2.1 | 30 | | | IRFH8311 | 5 x 6 E | | | |
| | 170 | 2.2 | 28 | IRF8304M | MX | | | | | |
| | 180 | 1.7 | 51 | IRF6726M | MT | | | | | |
| | 180 | 1.7 | 49 | IRF6727M | MX | | | | | |
| | 190 | 1.8 | 35 | IRF8302M | MX | | | | | |
| | 260 | 2.4 | 160 | | | | | | IRF2903ZS | |
| 40 | 12.7* | 8.3 | 19 | IRF6614 | ST | | | | | |
| | 77 | 9 | 30 | | | | | IRFR3504Z | | |
| | 120 | 5.5 | 68 | | | | | | IRF4104S | |
| | 119 | 5.5 | 59 | | | | | IRFR4104 | | |

## Силовые SMD MOSFET транзисторы, продолжение

| Напряжение (В) | Ток стока (А) $T_C = 25°C$ | Сопр-е канала $R_{DS(on)}$ макс. при 10В (мОм) | Заряд затвора тип. при 10В (нКл) | DirectFET | | PQFN | | D-Pak | D²Pak | D²Pak-7-Lead |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | наименование | корпус | наименование | посадочное место | | | |
| 40 | 19* | 5 | 29 | IRF6616 | MX | | | | | |
| | 23* | 3.4 | 42 | IRF6613 | MT | | | | | |
| | 100 | 4.3 | 42 | | | IRFH5204 | 5 x 6 B | | | |
| | 100 | 3.5 | 53 | | | IRFH5104 | 5 x 6 B | | | |
| | 100 | 2.6 | 73 | | | IRFH5004 | 5 x 6 B | | | |
| | 117 | 3.3 | 65 | | | IRFH7446 | 5 x 6 E | | | |
| | 156 | 1.9 | 89 | IRF7737L2 | L6 | | | | | |
| | 159 | 2.4 | 92 | | | IRFH7440 | 5 x 6 E | | | |
| | 180 | 2.4 | 89 | | | | | IRFR7440 | | |
| | 184 | 1.6 | 129 | IRF7738L2 | L6 | | | | | |
| | 190 | 3.7 | 100 | | | | | | IRF1404ZS | |
| | 198 | 1.4 | 141 | IRF7946 | MX | | | | | |
| | 208 | 2.5 | 90 | | | | | | IRFS7440 | |
| | 250 | 1.8 | 150 | | | | | | IRFS7437 | |
| | 259 | 1.4 | 129 | | | IRFH7004 | 5 x 6 B | | | |
| | 270 | 1 | 220 | IRF7739L2 | L8 | | | | | |
| | 280 | 2.3 | 160 | | | | | | IRF2804S | |
| | 295 | 1.4 | 150 | | | | | | | IRFS7437-7P |
| | 320 | 1.6 | 170 | | | | | | | IRF2804S-7P |
| | 340 | 1.75 | 160 | | | | | | IRFS3004 | |
| | 400 | 1.25 | 160 | | | | | | | IRFS3004-7P |
| 55 | 30 | 24.5 | 18 | | | | | IRFR4105Z | | |
| | 51 | 13.9 | 29 | | | | | | IRFZ44ZS | |
| | 61 | 11 | 43 | | | | | | IRFZ48ZS | |
| | 62 | 11 | 40 | | | | | IRFR48Z | | |
| | 94 | 7.5 | 63 | | | | | | IRF1010ZS | |
| | 110 | 6.5 | 76 | | | | | | IRF3205ZS | |
| | 240 | 2.6 | 130 | | | | | | | IRF3805L-7P |
| 60 | 40 | 14.4 | 23 | | | IRFH5406 | 5 x 6 B | | | |
| | 67 | 11 | 24 | IRF6674 | MZ | | | | | |
| | 86 | 7 | 36 | IRF6648 | MN | | | | | |
| | 89 | 6.7 | 40 | | | IRFH5206 | 5 x 6 B | | | |
| | 100 | 5.6 | 50 | | | IRFH5106 | 5 x 6 B | | | |
| | 100 | 4.1 | 67 | | | IRFH5006 | 5 x 6 B | | | |
| | 160 | 4.2 | 85 | | | | | | IRFS3306 | |
| | 200 | 1.5 | 200 | IRF7749L2 | L8 | | | | | |
| | 210 | 3 | 120 | | | | | | IRFS3206 | |
| | 270 | 2.5 | 200 | | | | | | IRFS3006 | |
| | 293 | 2.1 | 200 | | | | | | | IRFS3006-7P |
| 75 | 45 | 22 | 34 | | | | | IRFR2607Z | | |
| | 53 | 16 | 50 | | | | | IRFR2307Z | | |
| | 71 | 9.6 | 39 | | | IRFH5207 | 5 x 6 B | | | |
| | 75 | 8.5 | 48 | | | IRFH7107 | 5 x 6 E | | | |
| | 100 | 5.9 | 65 | | | IRFH5007 | 5 x 6 B | | | |
| | 120 | 5.8 | 79 | | | | | | IRFS3307Z | |
| | 160 | 2.3 | 200 | IRF7759L2 | L8 | | | | | |
| | 160 | 3.8 | 170 | | | | | | | IRF2907ZS-7P |
| | 170 | 4.1 | 120 | | | | | | IRFS3207Z | |
| | 230 | 3 | 160 | | | | | | IRFS3107 | |
| | 260 | 2.6 | 160 | | | | | | | IRFS3107-7P |
| 80 | 12* | 9.5 | 36 | IRF6646 | MN | | | | | |
| | 55 | 15 | 22 | IRF6668 | MZ | | | | | |
| 100 | 4.2* | 62 | 8.7 | IRF6655 | SH | | | | | |
| | 4.2* | 62 | 8.7 | IRF6665 | SH | | | | | |
| | 5.7* | 35 | 14 | IRF6645 | SJ | | | | | |
| | 8.3* | 22 | 22 | IRF6662 | MZ | | | | | |
| | 8.7 | 190 | 6.9 | | | | | IRFR120Z | | |
| | 10.3* | 13 | 35 | IRF6644 | MN | | | | | |
| | 14.4 | 62 | 8.3 | IRF7665S2 | SB | | | | | |
| | 36 | 26.5 | 42 | | | | | | IRF540ZS | |
| | 46 | 18 | 24 | | | IRFH5053 | 5 x 6 A | | | |
| | 55 | 14.9 | 39 | | | IRFH5210 | 5 x 6 B | | | |
| | 56 | 18 | 69 | | | | | IRFR3710Z | | |
| | 58 | 13.5 | 58 | | | IRFH7110 | 5 x 6 E | | | |
| | 59 | 18 | 82 | | | | | | IRF3710ZS | |
| | 61 | 13.9 | 58 | | | | | | IRFS4510 | |
| | 63 | 12.4 | 48 | | | IRFH5110 | 5 x 6 B | | | |
| | 63 | 13.9 | 54 | | | | | IRFR4510 | | |
| | 73 | 14 | 90 | | | | | | IRFS4610 | |
| | 97 | 9 | 83 | | | | | | IRFS4410Z | |
| | 100 | 9 | 65 | | | IRFH5010 | 5 x 6 B | | | |
| | 124 | 3.5 | 200 | IRF7769L2 | L8 | | | | | |
| | 127 | 6 | 120 | | | | | | IRFS4310Z | |
| | 180 | 4.7 | 143 | | | | | | IRFS4010 | |
| | 190 | 4 | 150 | | | | | | | IRFS4010-7P |
| 150 | 27 | 58 | 20 | | | IRFH5215 | 5 x 6 B | | | |
| | 28 | 56 | 25 | IRF6775M | MZ | | | | | |
| | 33 | 42 | 26 | | | | | IRFR4615 | | |
| | 33 | 42 | 26 | | | | | | IRFS4615 | |
| | 33 | 42 | 26 | | | | | | IRFS5615 | |
| | 6.2* | 34.5 | 39 | IRF6643 | MZ | | | | | |
| | 56 | 31 | 33 | | | IRFH5015 | 5 x 6 B | | | |
| | 67 | 11 | 97 | IRF7779L2 | L8 | | | | | |

## Силовые SMD MOSFET транзисторы, продолжение

| Напряжение (В) | Ток стока (А) $T_C$= 25°C | Сопр-е канала $R_{DS(on)}$ макс. при 10В (мОм) | Заряд затвора тип. при 10В (нКл) | DirectFET | | PQFN | | D-Pak | D²Pak | D²Pak-7-Lead |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | наименование | корпус | наименование | посадочное место | | | |
| 150 | 83 | 15 | 71 | | | | | | IRFS4321 | |
| | 99 | 12.1 | 77 | | | | | | IRFS4115 | |
| | 105 | 11.8 | 73 | | | | | | | IRFS4115-7P |
| 200 | 4.6* | 59.9 | 34 | IRF6641 | MZ | | | | | |
| | 18 | 105 | 18 | | | | | | IRFS4020 | |
| | 19 | 100 | 26 | IRF6785M | MZ | | | | | |
| | 20 | 99.9 | 20 | | | IRFH5220 | 5 x 6 B | | | |
| | 24 | 78 | 25 | | | | | IRFR4620 | | |
| | 24 | 78 | 25 | | | | | | IRFS4620 | |
| | 24 | 77.5 | 25 | | | | | | IRFS5620 | |
| | 43 | 55 | 36 | | | IRFH5020 | 5 x 6 B | | | |
| | 62 | 26 | 70 | | | | | | IRFS4227 | |
| | 72 | 22 | 100 | | | | | | IRFS4127 | |
| 250 | 32 | 100 | 37 | | | IRFH5025 | 5 x 6 B | | | |
| | 35 | 38 | 110 | IRF7799L2 | L8 | | | | | |
| | 45 | 48 | 72 | | | | | | IRFS4229 | |
| 500 | 3.6 | 2200 | 13.3 | | | | | IRFR812 | | |
| | 6 | 1300 | 22.7 | | | | | IRFR825 | | |

* ток стока при $T_A$=25°C

## Силовые MOSFET транзисторы для монтажа в отверстие

| Напряжение (В) | Ток стока (А) $T_C$= 25°C | Сопр-е канала $R_{DS(on)}$ макс. при 10В (мОм) | Заряд затвора тип. при 10В (нКл) | I-Pak | TO-220 | TO-247 |
|---|---|---|---|---|---|---|
| 20 | 36 | 16 | 4.8 | | IRL3714Z | |
| | 37 | 15 | 4.7 | IRLU3714Z | | |
| | 49 | 11 | 7.2 | IRLU3715Z | | |
| | 50 | 11 | 7 | | IRL3715Z | |
| | 60 | 8.4 | 9.3 | IRFU3704Z | | |
| | 67 | 7.9 | 8.7 | | IRF3704Z | |
| | 92 | 6 | 16 | | IRF3711Z | |
| | 93 | 5.7 | 18 | IRFU3711Z | | |
| | 120 | 4.2 | 21 | IRLU3717 | | |
| 24 | 353 | 1.5 | 160 | | IRF1324 | |
| 25 | 57 | 8.7 | 6.8 | IRLU8259 | | |
| | 81 | 5.7 | 10 | IRLU8256 | | |
| 30 | 43 | 13.8 | 7 | IRLU7807Z | | |
| | 58 | 8.9 | 10 | IRLU8729 | | |
| | 62 | 8.7 | 7.6 | | IRLB8721 | |
| | 65 | 8.4 | 8.5 | IRLU8721 | | |
| | 86 | 5.8 | 15 | IRLU8726 | | |
| | 87 | 6.3 | 17 | | IRF3709Z | |
| | 92 | 4.8 | 15 | | IRLB8748 | |
| | 94 | 6 | 22 | IRLU8113 | | |
| | 105 | 6 | 23 | | IRL8113 | |
| | 150 | 3.2 | 36 | | IRLB8743 | |
| | 160 | 3.1 | 39 | IRLU8743 | | |
| | 260 | 2.4 | 160 | | IRF2903Z | |
| | 260 | 1.95 | 57 | | IRLB3813 | |
| 40 | 75 | 5.5 | 68 | | IRF4104 | |
| | 77 | 9 | 30 | IRFU3504Z | | |
| | 119 | 5.5 | 59 | IRFU4104 | | |
| | 120 | 5.5 | 68 | | IRF4104 | |
| | 123 | 3.3 | 62 | | IRFB7446 | |
| | 180 | 2.4 | 89 | IRFU7440 | | |
| | 190 | 3.7 | 100 | | IRF1404Z | |
| | 208 | 2.5 | 90 | | IRFB7440 | |
| | 250 | 2 | 150 | | IRFB7437 | |
| | 317 | 1.6 | 216 | | IRFB7434 | |
| | 340 | 1.75 | 160 | | IRFB3004 | |
| | 350 | 1.7 | 220 | | | IRFP4004 |
| | 404 | 1.3 | 300 | | | IRFP7430 |
| | 409 | 1.3 | 300 | | IRFB7430 | |
| 55 | 30 | 24.5 | 18 | IRFU4105Z | | |
| | 51 | 13.9 | 29 | | IRFZ44Z | |
| | 61 | 11 | 43 | | IRFZ48Z | |
| | 62 | 11 | 40 | IRFU48Z | | |
| | 91 | 7.5 | 63 | IRFU1010Z | | |
| | 94 | 7.5 | 63 | | IRF1010Z | |
| | 110 | 6.5 | 76 | | IRF3205Z | |
| 60 | 160 | 4.2 | 85 | | IRFB3306 | |
| | 206 | 3.4 | 130 | | IRFB3256 | |
| | 210 | 3 | 120 | | IRFB3206 | |
| | 270 | 2.5 | 200 | | IRFB3006 | |
| 75 | 45 | 22 | 34 | IRFU2607Z | | |
| | 53 | 16 | 50 | IRFU2307Z | | |
| | 80 | 9 | 56 | | IRFB3607 | |
| | 84 | 5.8 | 79 | | IRFB3307ZG | |
| | 120 | 5.8 | 79 | | IRFB3307Z | |
| | 170 | 4.5 | 180 | | | IRFP2907Z |
| | 170 | 4.1 | 120 | | IRFB3207Z | |

## Силовые MOSFET транзисторы для монтажа в отверстие, продолжение

| Напряжение (В) | Ток стока (А) $T_C$= 25°C | Сопр-е канала $R_{DS(on)}$ макс. при 10В (мОм) | Заряд затвора тип. при | I-Pak | TO-220 | TO-247 |
|---|---|---|---|---|---|---|
| 75 | 210 | 3.3 | | | IRFB3077 | |
| | 350 | 1.8 | 380 | | | IRFP4368 |
| 100 | 8.7 | 190 | 6.9 | IRFU120Z | | |
| | 18 | 72.5 | 15 | | IRFB4212 | |
| | 36 | 26.5 | 42 | | IRF540Z | |
| | 42 | 36 | 73.3 | | | IRFP150M |
| | 43 | 9.3 | 81 | | IRFI4410Z | |
| | 56 | 18 | 69 | IRFU3710Z | | |
| | 59 | 18 | 82 | | IRF3710Z | |
| | 62 | 13.5 | 58 | | IRFB4510 | |
| | 63 | 13.9 | 54 | IRFU4510 | | |
| | 73 | 14 | 90 | | IRFB4610 | |
| | 97 | 9 | 83 | | IRFB4410Z | |
| | 127 | 6 | 120 | | IRFB4310Z | |
| | 130 | 7 | 170 | | IRFB4310 | |
| | 180 | 4.5 | 150 | | IRFB4110 | |
| | 290 | 2.6 | 360 | | | IRFP4468 |
| 150 | 17 | 95 | 13 | | IRFB4019 | |
| | 33 | 42 | 26 | IRFU4615 | | |
| | 35 | 39 | 26 | | IRFB5615 | |
| | 78 | 15.5 | 71 | | | IRFP4321 |
| | 83 | 15 | 71 | | IRFB4321 | |
| | 104 | 11 | 77 | | IRFB4115 | |
| | 171 | 5.9 | 151 | | | IRFP4568 |
| 200 | 18 | 100 | 18 | | IRFB4020 | |
| | 24 | 78 | 25 | IRFU4620 | | |
| | 25 | 72.5 | 25 | | IRFB5620 | |
| | 30 | 75 | 82 | | | IRFP250M |
| | 50 | 40 | 156 | | | IRFP260M |
| | 65 | 25 | 70 | | | IRFP4227 |
| | 65 | 26 | 70 | | IRFB4227 | |
| | 76 | 20 | 100 | | IRFB4127 | |
| | 130 | 9.7 | 161 | | | IRFP4668 |
| 250 | 44 | 46 | 72 | | | IRFP4229 |
| | 46 | 46 | 72 | | IRFB4229 | |
| | 57 | 33 | 99 | | | IRFP4332 |
| | 60 | 33 | 99 | | IRFB4332 | |
| | 93 | 17.5 | 180 | | | IRFP4768 |
| 300 | 38 | 69 | 83 | | | IRFP4137 |
| | 38 | 69 | 83 | | IRFB4137 | |
| | 70 | 32 | 180 | | | IRFP4868 |
| 500 | 3.6 | 2200 | 13.3 | | IRFB812 | |

## MOSFET транзисторы с логическим уровнем

| Напряжение (В) | Ток стока (А) $T_C$= 25°C | Сопр-е канала $R_{DS(on)}$ макс. при 10В (мОм) | Заряд затвора тип. при 10В (нКл) | PQFN | | D-Pak | D²Pak | D²Pak-7-Lead | I-Pak | TO-220 | TO-247 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | наименование | посадочное место | | | | | | |
| 20 | 40 | 2.5† | 52 | IRLHM620 | 3.3 x 3.3 | | | | | | |
| | 100 | 4† | 48 | | | IRLR6225 | | | | | |
| | 100 | 1.2† | 155 | IRFH6200 | 5 x 6 B | | | | | | |
| | 105 | 3† | 86 | IRLH6224 | 5 x 6 E | | | | | | |
| 30 | 40 | 3.5† | 41 | IRLHM630 | 3.3 x 3.3 | | | | | | |
| 40 | 100 | 2.4 | 82 | IRLH5034 | 5 x 6 B | | | | | | |
| | 130 | 4.5 | 40 | | | IRLR3114Z | | | | | |
| | 130 | 4.9 | 40 | | | | | | IRLU3114Z | | |
| | 134 | 3.3 | 39 | IRLH7134 | 5 x 6 E | | | | | | |
| | 200 | 3.1 | 75 | | | | IRL1404ZS | | | | |
| | 200 | 3.1 | 75 | | | | | | | IRL1404Z | |
| | 327 | 1.7 | 108 | | | | | | | | IRLP3034 |
| | 343 | 1.7 | 108 | | | | IRLS3034 | | | | |
| | 343 | 1.7 | 108 | | | | | | | IRLB3034 | |
| | 380 | 1.4 | 120 | | | | | IRLS3034-7P | | | |
| 55 | 16 | 58 | 6.6 | | | IRLR024Z | | | | | |
| | 16 | 58 | 6.6 | | | | | | IRLU024Z | | |
| | 60 | 13.5 | 23 | | | IRLR2905Z | | | | | |
| | 60 | 13.5 | 23 | | | | | | IRLU2905Z | | |
| | 89 | 8 | 44 | | | IRLR3705Z | | | | | |
| | 89 | 8 | 44 | | | | | | IRLU3705Z | | |
| 60 | 99 | 6.8 | 33 | | | IRLR3636 | | | | | |
| | 99 | 6.8 | 33 | | | | | | IRLU3636 | | |
| | 100 | 4.4 | 44 | IRLH5036 | 5 x 6 B | | | | | | |
| | 270 | 2.4 | 91 | | | | IRLS3036 | | | | |
| | 270 | 2.4 | 91 | | | | | | | IRLB3036G | |
| | 270 | 2.4 | 91 | | | | | | | IRLB3036 | |
| | 300 | 1.9 | 110 | | | | | IRLS3036-7P | | | |
| 100 | 13* | 9 | 44 | IRLH5030 | 5 x 6 B | | | | | | |
| | 63 | 14 | 34 | | | IRLR3110Z | | | | | |
| | 63 | 14 | 34 | | | | | | IRLU3110Z | | |
| | 180 | 4.3 | 87 | | | | IRLS4030 | | | | |
| | 180 | 4.3 | 87 | | | | | | | IRLB4030 | |
| | 190 | 3.9 | 93 | | | | | IRLS4030-7P | | | |

*Ток стока при TC=25°C

† Сопротивление канала при напряжении затвор-исток 4.5В

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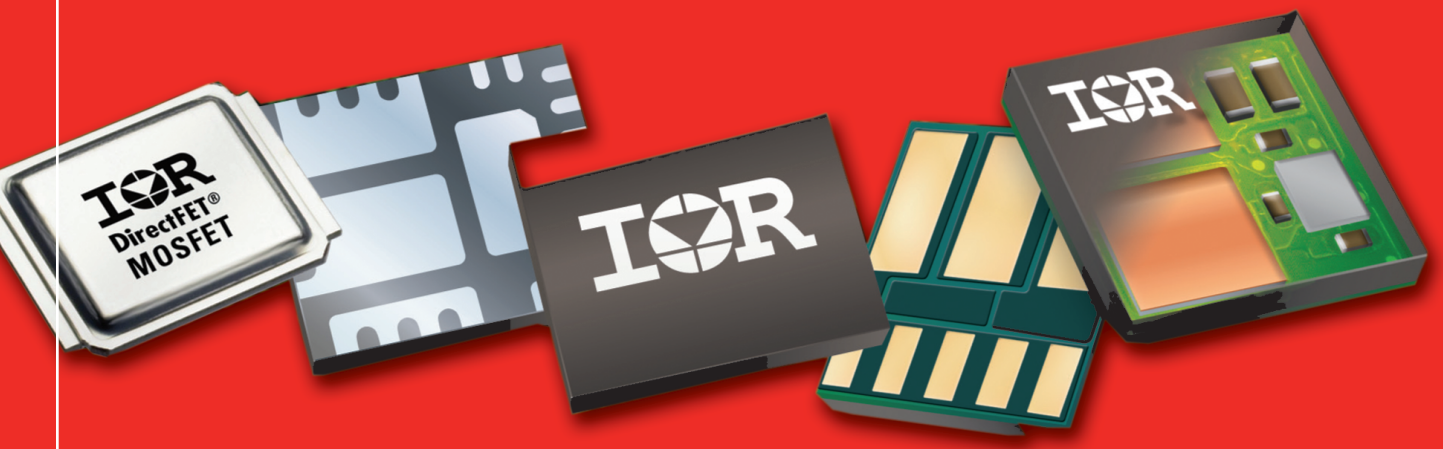


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