

INFINEON Power MOSFETs



This page of product is RoHS compliant.



IGBT TRANSISTORS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Infineon Part No. | Package Type | V _{CEO} (Max.) (V) | V _{GE} (V) | I _C (Max.) (A) | I _{Cpulse} (Max.) (A) | P _{tot} (Max.) (W) | V _{GE(th)} (V) | | Q _g (Typ.) (nC) | Price Each | | | |
|----------------------|-------------------|--------------|-----------------------------|---------------------|---------------------------|--------------------------------|-----------------------------|-------------------------|------|----------------------------|------------|------|------|------|
| | | | | | | | | Min. | Max. | | 1 | 10 | 100 | 1000 |
| 726-IGP30N60H3 | IGP30N60H3 | TO-220-3 | 600 | 20 | 60 | 120 | 187 | 4.1 | 5.7 | 165 | 3.08 | 2.48 | 1.98 | 1.74 |
| 726-IHW20N65R5 | IHW20N65R5 | TO-220-3 | 650 | 20 | 20 | - | 150 | 3.2 | 4.8 | 97 | 2.89 | 2.45 | 2.13 | 1.81 |
| 641-FP30R07U1E4 | FP30R07U1E4 | SmartPIM1 | 650 | 20 | 30 | 5 | 160 | 5 | 6.5 | 30 | 2.89 | 2.45 | 2.13 | 1.81 |
| 726-IGP20N65F5 | IGP20N65F5 | TO-220-3 | 650 | 20 | 42 | 60 | 125 | 3.2 | 4.8 | 48 | 1.89 | 1.52 | 1.22 | 1.06 |
| 726-IGP20N65H5 | IGP20N65H5 | TO-220-3 | 650 | 20 | 42 | 60 | 125 | 3.2 | 4.8 | 48 | 1.89 | 1.52 | 1.22 | 1.06 |
| 726-IKP20N65F5 | IKP20N65F5 | TO-220-3 | 650 | 20 | 42 | 60 | 125 | 3.2 | 4.8 | 48 | 2.59 | 2.09 | 1.67 | 1.46 |
| 726-IKP20N65H5 | IKP20N65H5 | TO-220-3 | 650 | 20 | 42 | 60 | 125 | 3.2 | 4.8 | 65 | 2.59 | 2.09 | 1.67 | 1.46 |
| 641-FS50R07U1E4 | FS50R07U1E4 | SmartPACK1 | 650 | 20 | 50 | 60 | 230 | 5 | 6.5 | 50 | 2.59 | 2.09 | 1.67 | 1.46 |
| 641-FP50R07U1E4 | FP50R07U1E4 | SmartPIM1 | 650 | 20 | 50 | 60 | 230 | 5 | 6.5 | 50 | 2.59 | 2.09 | 1.67 | 1.46 |
| 726-IGP30N65F5 | IGP30N65F5 | TO-220-3 | 650 | 20 | 55 | 90 | 188 | 3.2 | 4.8 | 65 | 2.54 | 2.04 | 1.63 | 1.43 |
| 726-IKP30N65F5 | IKP30N65F5 | TO-220-3 | 650 | 20 | 55 | 90 | 188 | 3.2 | 4.8 | 70 | 5.88 | 4.73 | 4.31 | 3.46 |
| 726-IKP30N65H5 | IKP30N65H5 | TO-220-3 | 650 | 20 | 55 | 90 | 188 | 3.2 | 4.8 | 70 | 3.02 | 2.44 | 1.95 | 1.70 |
| 726-IHW50N65R5 | IHW50N65R5 | TO-247-3 | 650 | 20 | 80 | 150 | 282 | 3.2 | 4.8 | 230 | 4.39 | 3.53 | 3.22 | 2.59 |
| 726-IHW40N65R5 | IHW40N65R5 | TO-247-3 | 650 | 20 | 80 | 150 | 282 | 3.2 | 4.8 | 193 | 3.61 | 3.07 | 2.66 | 2.26 |
| 641-FS75R07U1E4 | FS75R07U1E4 | SmartPACK1 | 650 | 20 | 100 | 20 | 275 | 5 | 6.5 | 75 | 4.39 | 3.53 | 3.22 | 2.59 |
| 726-IKA08N65F5XKSA1 | IKA08N65F5XKSA1 | TO-220-3 | 650 | 30 | 6.8 | 24 | 31.2 | 3.2 | 4.8 | 22 | 1.83 | 1.48 | 1.18 | 1.03 |
| 726-IKA15N65F5XKSA1 | IKA15N65F5XKSA1 | TO-220-3 | 650 | 30 | 8.5 | 45 | 33 | 3.2 | 4.8 | 38 | 2.32 | 1.87 | 1.50 | 1.31 |
| 726-IKP08N65F5XKSA1 | IKP08N65F5XKSA1 | TO-220-3 | 650 | 30 | 11 | 24 | 70 | 3.2 | 4.8 | 22 | 1.83 | 1.48 | 1.18 | 1.03 |
| 726-IKP15N65F5XKSA1 | IKP15N65F5XKSA1 | TO-220-3 | 650 | 30 | 18 | 45 | 105 | 3.2 | 4.8 | 38 | 2.32 | 1.87 | 1.50 | 1.31 |
| 726-IKW30N65ES5 | IKW30N65ES5 | TO-247-3 | 650 | 30 | 39.5 | 120 | 94 | 3.2 | 4.8 | 70 | 4.00 | 3.21 | 2.93 | 2.37 |
| 726-IGW40N65F5FKSA1 | IGW40N65F5FKSA1 | TO-247-3 | 650 | 30 | 46 | 120 | 255 | 3.2 | 4.8 | 95 | 3.09 | 2.62 | 2.27 | 1.94 |
| 726-IGW40N65H5FKSA1 | IGW40N65H5FKSA1 | TO-247-3 | 650 | 30 | 46 | 120 | 255 | 3.2 | 4.8 | 95 | 3.09 | 2.62 | 2.27 | 1.94 |
| 726-IKP40N65F5XKSA1 | IKP40N65F5XKSA1 | TO-220-3 | 650 | 30 | 46 | 120 | 255 | 3.2 | 4.8 | 95 | 3.00 | 2.55 | 2.21 | 1.88 |
| 726-IKW40N65F5FKSA1 | IKW40N65F5FKSA1 | TO-247-3 | 650 | 30 | 46 | 120 | 255 | 3.2 | 4 | 95 | 3.74 | 3.18 | 2.75 | 2.34 |
| 726-IKW40N65H5FKSA1 | IKW40N65H5FKSA1 | TO-247-3 | 650 | 30 | 46 | 120 | 255 | 3.2 | 4.8 | 95 | 3.74 | 3.18 | 2.75 | 2.34 |
| 726-IKW40N65ES5 | IKW40N65ES5 | TO-247-3 | 650 | 30 | 50 | 160 | 115 | 3.2 | 4.8 | 95 | 4.63 | 3.72 | 3.39 | 2.73 |
| 726-IKW50N65F5FKSA1 | IKW50N65F5FKSA1 | TO-247-3 | 650 | 30 | 56 | 150 | 255 | 3.2 | 4.8 | 120 | 3.92 | 3.33 | 2.89 | 2.46 |
| 726-IGW50N65F5FKSA1 | IGW50N65F5FKSA1 | TO-247-3 | 650 | 30 | 56 | 150 | 305 | 3.2 | 4.8 | 120 | 3.32 | 2.82 | 2.44 | 2.08 |
| 726-IGW50N65H5FKSA1 | IGW50N65H5FKSA1 | TO-247-3 | 650 | 30 | 56 | 150 | 305 | 3.2 | 4.8 | 120 | 3.32 | 2.82 | 2.44 | 2.08 |
| 726-IKW50N65ES5 | IKW50N65ES5 | TO-247-3 | 650 | 30 | 60.5 | 200 | 137 | 3.2 | 4.8 | 120 | 5.12 | 4.12 | 3.75 | 3.02 |
| 726-IGW30N65L5XKSA1 | IGW30N65L5XKSA1 | PG-TO247-3 | 650 | 30 | 62 | 120 | 114 | 4.2 | 5.8 | 168 | 3.83 | 3.25 | 2.82 | 2.40 |
| 726-IKW30N65L5XKSA1 | IKW30N65L5XKSA1 | TO-247-3 | 650 | 30 | 62 | 120 | 114 | 4.2 | 5.8 | 168 | 4.84 | 4.12 | 3.57 | 3.02 |
| 726-IKW30N65NL5XKSA1 | IKW30N65NL5XKSA1 | PG-TO247-3 | 650 | 30 | 62 | 120 | 114 | 4.2 | 5.8 | 168 | 4.84 | 4.12 | 3.57 | 3.02 |
| 726-IKW75N65ES5 | IKW75N65ES5 | TO-247-3 | 650 | 30 | 80 | 300 | 197 | 3.2 | 4.8 | 164 | 6.32 | 5.69 | 4.67 | 3.89 |
| 726-IKW75N65L5XKSA1 | IKW75N65L5XKSA1 | PG-TO247-3 | 650 | 30 | 80 | 300 | 268 | 4.2 | 5.8 | 436 | 8.28 | 7.45 | 6.13 | 5.10 |
| 641-FP25R12U1T4 | FP25R12U1T4 | SmartPIM1 | 1200 | 20 | 39 | - | 190 | 5.2 | 6.4 | 20 | 4.39 | 3.53 | 3.22 | 2.59 |
| 641-FP35R12U1T4 | FP35R12U1T4 | SmartPIM1 | 1200 | 20 | 54 | - | 250 | 5.2 | 6.4 | 27 | 4.39 | 3.53 | 3.22 | 2.59 |
| 726-IHW20N135R3FKSA1 | IHW20N135R3FKSA1 | TO-247-3 | 1350 | 25 | 20 | 60 | 155 | 5.1 | 6.4 | 195 | 4.31 | 3.47 | 3.16 | 2.54 |
| 726-IHW30N135R3FKSA1 | IHW30N135R3FKSA1 | TO-247-3 | 1350 | 25 | 30 | 90 | 175 | 5.1 | 6.4 | 263 | 4.46 | 3.79 | 3.29 | 2.78 |
| 726-IHW40N135R3FKSA1 | IHW40N135R3FKSA1 | TO-247-3 | 1350 | 25 | 40 | 120 | 215 | 5.1 | 6.4 | 365 | 5.09 | 4.32 | 3.75 | 3.17 |

N-CHANNEL MOSFETs - OPTIMOS®

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Infineon Part No. | Package Type | V _{DS} (Max.) (V) | R _{DS(ON)} @ 10V (Max.) (mΩ) | I _D @ 25°C (Max.) (A) | I _{Dpulse} (Max.) (A) | P _{tot} (Max.) (W) | V _{GS(th)} (V) | | Q _g (Typ.) (nC) | Price Each | | | |
|-----------------------|--------------------|---------------|----------------------------|---------------------------------------|----------------------------------|--------------------------------|-----------------------------|-------------------------|------|----------------------------|------------|------|--------|------|
| | | | | | | | | Min. | Max. | | 1 | 10 | 100 | 1000 |
| Single | | | | | | | | | | | | | | |
| 726-BSS214NH6327XTSA | BSS214NH6327XTSA1 | SOT-23-3 | 20 | 140 | 1.5 | 6 | 0.5 | 0.7 | 1.2 | 0.8 | .38 | .253 | .105 | .072 |
| 726-BSL202SNH6327XTS | BSL202SNH6327XTSA1 | TSOP-6 | 20 | 22 | 7.5 | 30 | 2 | 0.7 | 1.2 | 5.8 | .41 | .347 | .211 | .163 |
| 726-BSL802SNH6327XTS | BSL802SNH6327XTSA1 | P-TSOP-6 | 20 | 22 | 7.5 | 30 | 2 | 0.3 | 0.75 | 4.7 | .42 | .351 | .214 | .165 |
| 726-SP000934746 | BSC0911NDATMA1 | TISON-8 | 25 | 3.2 | 40 | 160 | 2.5 | 1.2 | 1.6 | 7.7 | 1.47 | 1.26 | .968 | .675 |
| 726-BSC026NE2LS5ATMA | BSC026NE2LS5ATMA1 | SuperSO-8 | 25 | 4 | 82 | 328 | 29 | -16 | 16 | 12 | 1.02 | .823 | .632 | .441 |
| 726-BSC009NE2LS5ATMA | BSC009NE2LS5ATMA1 | SuperSO-8 | 25 | 1.25 | 100 | 400 | 74 | -16 | 16 | 20 | 1.74 | 1.40 | 1.12 | .815 |
| 726-BSC009NE2LS5IATMA | BSC009NE2LS5IATMA1 | SuperSO-8 | 25 | 1.25 | 100 | 400 | 74 | -16 | 16 | 20 | 1.77 | 1.43 | 1.14 | .832 |
| 726-BSC009NE2LSATMA1 | BSC009NE2LS | PG-TDSON-8 | 25 | 0.9 | 100 | 820 | 96 | 1 | 2.2 | 126 | 2.17 | 1.75 | 1.40 | 1.01 |
| 726-BSC010NE2LS | BSC010NE2LS | TDSON-8 | 25 | 1.05 | 100 | 400 | 96 | 1.2 | 2 | 59 | 1.36 | 1.16 | .892 | .622 |
| 726-BSC010NE2LSI | BSC010NE2LSI | TDSON-8 | 25 | 1 | 100 | 400 | 96 | 1.2 | 2 | 64 | 1.47 | 1.26 | .968 | .675 |
| 726-BSC014NE2LSIATMA | BSC014NE2LSI | PG-TDSON-8 | 25 | 1.4 | 100 | 400 | 74 | 1.2 | 2 | 39 | 1.71 | 1.37 | 1.05 | .738 |
| 726-BSC018NE2LSIATMA | BSC018NE2LSI | PG-TDSON-8 | 25 | 1.8 | 100 | 400 | 69 | 1.2 | 2 | 36 | 1.57 | 1.27 | 1.01 | .738 |
| 726-BSD316SNH6327XTS | BSD316SNH6327XTSA1 | PG-SOT-363-6 | 30 | 160 | 1.4 | 5.6 | 0.5 | 1.2 | 2 | 0.6 | .38 | .259 | .108 | .073 |
| 726-BSL302SNH6327XTS | BSL302SNH6327XTSA1 | P-TSOP-6 | 30 | 25 | 7.1 | 28 | 2 | 1.2 | 2 | 4.4 | .42 | .351 | .214 | .165 |
| 726-BSC120N03LSG | BSC120N03LS | TDSON-8 | 30 | 12 | 39 | 156 | 28 | 1 | 2.2 | 5 | .52 | .438 | .267 | .206 |
| 726-BSC120N03MSG | BSC120N03MS G | TDSON-8 | 30 | 12 | 39 | 156 | 28 | 1 | 2 | 15 | .52 | .438 | .267 | .206 |
| 726-BSZ019N03LS | BSZ019N03LS | TDSON-8 | 30 | 1.9 | 40 | 160 | 69 | 1.2 | 2 | 44 | 1.18 | 1.00 | .774 | .54 |
| 726-BSZ100N03MSG | BSZ100N03MS G | TSOSON-8 | 30 | 10 | 40 | 160 | 30 | 1 | 2 | 8.3 | .60 | .465 | .30 | .24 |
| 726-BSC057N03LSG | BSC057N03LS G | TDSON-8 | 30 | 5.7 | 71 | 284 | 45 | 1 | 2.2 | 11 | .72 | .558 | .36 | .288 |
| 726-BSC050N03LSG | BSC050N03LS G | TDSON-8 | 30 | 5 | 79 | 316 | 48 | 1 | 2.2 | 13 | .69 | .573 | .37 | .296 |
| 726-IPPO42N03LG | IPPO42N03L G | TO-220-3 | 30 | 4.2 | 80 | 320 | 79 | 1 | 2.2 | 18 | .98 | .791 | .608 | .424 |
| 726-BSC042N03MSG | BSC042N03MS G | TDSON-8 | 30 | 4.2 | 93 | 372 | 57 | 1 | 2 | 20 | .78 | .651 | .42 | .336 |
| 726-BSC011N03LS | BSC011N03LS | PG-TDSON-8 | 30 | 0.9 | 100 | 400 | 2.5 | 1.2 | 2 | 72 | 1.31 | 1.12 | .86 | .60 |
| 726-BSC0901NS | BSC0901NS | PG-TDSON-8 | 30 | 1.6 | 100 | 400 | 2.5 | 1.2 | 2 | 44 | .85 | .728 | .559 | .39 |
| 726-BSC0901NSIATMA1 | BSC0901NSI | PG-TDSON-8 | 30 | 2.8 | 100 | 400 | 48 | 1.2 | 2 | 24 | 1.72 | 1.38 | 1.06 | .743 |
| 726-BSC0902NSI | BSC0902NSI | TDSON-8 | 30 | 2.2 | 100 | 400 | 2.5 | 1 | 2.2 | 13 | .82 | .70 | .538 | .375 |
| 726-IPG20N04S4-09 | IPG20N04S4-09 | TDSON-8 | 40 | 8.6 | 20 | 80 | 54 | 2 | 4 | 21.7 | 1.22 | .98 | .753 | .525 |
| 726-IPG20N04S4L-07 | IPG20N04S4L-07 | TDSON-8 | 40 | 7.2 | 20 | 80 | 65 | 1.2 | 2.2 | 39 | 1.50 | 1.20 | .925 | .645 |
| 726-IPG20N04S4L-08 | IPG20N04S4L-08 | TDSON-8 | 40 | 8.2 | 20 | 80 | 54 | 1.2 | 2.2 | 20 | 1.22 | .98 | .753 | .525 |
| 726-BSC093N04LSG | BSC093N04LSGXT | TDSON-8 | 40 | 9.3 | 49 | 196 | 35 | 1.2 | 2 | 18 | .55 | .465 | .30 | .24 |
| 726-BSC059N04LSG | BSC059N04LS G | TDSON-8 | 40 | 8.5 | 73 | 292 | 50 | 1.2 | 2 | 14 | .65 | .542 | .35 | .28 |
| 726-BSC010N04LSATMA1 | BSC010N04LSATMA1 | PG-TDSON-8-FL | 40 | 1 | 100 | 400 | 139 | 1.2 | 2 | 95 | 2.23 | 1.89 | 1.51 | 1.09 |
| 726-IPG20N06S2L-35 | IPG20N06S2L-35 | TDSON-8 | 55 | 35 | 20 | 80 | 65 | 1.2 | 2 | 18 | 1.08 | .866 | .665 | .464 |
| 726-IPG20N06S2L-50 | IPG20N06S2L-50 | TDSON-8 | 55 | 50 | 20 | 80 | 51 | 1.2 | 2 | 13 | 1.03 | .827 | .635 | .443 |
| 726-IPG20N06S4L-26 | IPG20N06S4L-26 | TDSON-8 | 60 | 26 | 20 | 80 | 33 | 1.2 | 2.2 | 15 | .89 | .715 | .549 | .383 |
| 726-BSZ042N06NSATMA1 | BSZ042N06NS | TDSON-8 | 60 | 4.2 | 40 | 160 | 69 | 2.1 | 3.3 | 27 | 1.62 | 1.30 | 1.00 | .697 |
| 726-IPD053N06NATMA1 | IPD053N06N | TO-263-3 | 60 | 5.3 | 45 | 180 | 83 | 2.1 | 3.3 | 27 | 1.09 | .938 | .72 | .502 |
| 726-BSC076N06NS3G | BSC076N06NS3 G | TDSON-8 | 60 | 7.6 | 200 | 69 | 2 | 4 | 37 | .80 | .667 | .43 | .344 | |
| 726-IPP093N06N3G | IPP093N06N3GXK | TO-220-3 | 60 | 9 | 50 | 200 | 71 | 2 | 4 | 36 | .91 | .784 | .602</ | |