



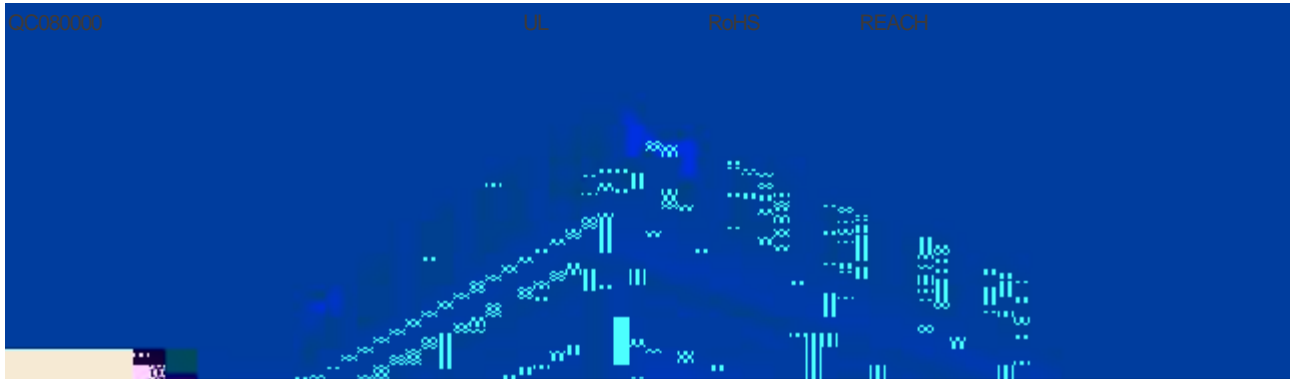
IDM(Integrated Device Manufactory) of
Power Semiconductor Devices



300623 1995 2017 3 14
IDM 2017

MOSFETs(SGT) 2020 50%
MOSFETs $V_{BR(DSS_Min)}$ 200V JSFET® JPFET® SGT MOSFET

ISO 9001:2008 IATF16949 ISO14001:2004 ISO45001





1995



179,742,660



100's



(0.6 ~ 1.6kV/0.6 ~ 110A)

(0.6 ~ 2.2kV / 0.8 ~ 250A)



4 5



100 ~ 700V
IATF 16949

(Planar Trench SGT Super-junction) MOSFET IGBT MOSFET



0.18μm



TO-220A TO-220B TO-220C TO-220F TO-247 Super SOD-123 SOT-23/26 SOT-89 PowerJE® SMA SMB SMC DPAK D2PAK



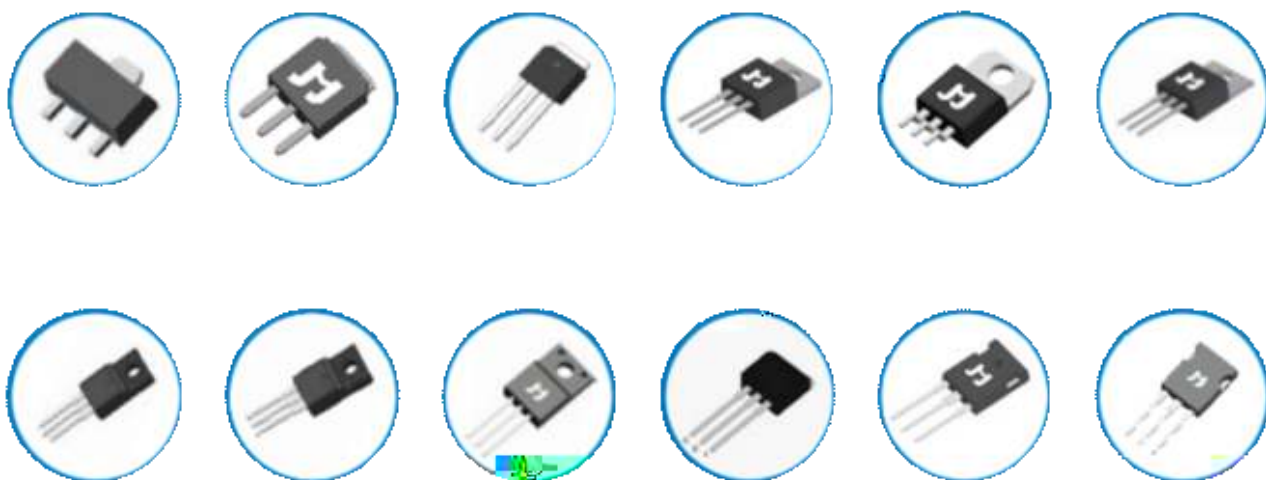
SGT







THROUGH-HOLE PACKAGES



SURFACE-MOUNT PACKAGES





PACKAGING ADVANTAGES



| | | |
|--------------------|-------|------|
| | | |
| 150mm ² | 4.4mm | 195A |

| | | |
|--------------------|-------|--|
| | | |
| 120mm ² | 2.3mm | |

| | | |
|-------------------|-------|--|
| | | |
| 64mm ² | 1.9mm | |

| | | |
|-------------------|-------|--|
| | | |
| 56mm ² | 2.3mm | |



| | | |
|-------------------|-------|------|
| | | |
| 60mm ² | 2.3mm | 100A |

| | | |
|-------------------|-------|--|
| | | |
| 32mm ² | 1.0mm | |

| | | |
|-------------------|--------|-----|
| | | |
| 30mm ² | 1.75mm | 25A |

| | | |
|-------------------|-------|--|
| | | |
| 11mm ² | 0.8mm | |



Nomenclature of JMT-series N-ch and P-ch Trench MOSFET

| JIEJIE MOSFET Naming Convention(trench MOSFET) | | | | | | | | |
|--|---|---|----|---|----|---|------|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| JM | T | K | 00 | N | 06 | A | | |
| If there is a generic number code on the product market, the fourth, fifth and sixth parts shall be directly used in the generic number code for convenience. For example, JM TL2301A, JM TP9926A | | | | | | | | |
| 8. Special Suffix | | | | | | | 特殊后缀 | |
| Default=Blank | | | | | | | 默认空白 | |
| 7. Version / Other | | | | | | | | |
| A= Version A | | | | | | | | |
| B= Version B | | | | | | | | |
| L= Low Vth | | | | | | | | |
| H= High Vth | | | | | | | | |
| U= Ultra Low or High Vth | | | | | | | | |
| D= Dual Die | | | | | | | | |
| K= With ESD | | | | | | | | |
| T5=SOT-523-3L(Package) | | | | | | | | |
| T7=SOT-723-3L(Package) | | | | | | | | |
| 6. Vdss - Max (BVDSS / 10) | | | | | | | | |
| 03= 30V VDS | | | | | | | | |
| 10= 100V VDS | | | | | | | | |
| 15= 150V VDS | | | | | | | | |
| 5. Channel/Type | | | | | | | | |
| N= N channel / Dual N channel | | | | | | | | |
| P= P channel / Dual P channel | | | | | | | | |
| C= Complementary | | | | | | | | |
| 4. Rds(on) Max (mohm) (RDS(on) X 10) | | | | | | | | |
| 060 = 6 mohm | | | | | | | | |
| 330 = 33 mohm | | | | | | | | |
| 280 = 280 mohm | | | | | | | | |
| 35E = 3500 mohm | | | | | | | | |
| 3. Package Code | | | | | | | | |
| A TO-220A-3L | | | | | | | | |
| B TO-220B-3L | | | | | | | | |
| C TO-220C-3L/TO-220H-3L | | | | | | | | |
| D DFN1006-3L | | | | | | | | |
| E TO-263-3L | | | | | | | | |
| F TO-220FP-3L | | | | | | | | |
| FP TO-220FA-3L | | | | | | | | |
| G PDFN5x6-8L / PDFN5x6-8L-D | | | | | | | | |
| H TO-251L-3L | | | | | | | | |
| I TO-251-3L | | | | | | | | |
| J SOT-23-3L | | | | | | | | |
| K TO-252-3L | | | | | | | | |
| L SOT-23(SOT-23-3L/SOT-723-3L) | | | | | | | | |
| LA SOT-323-3L | | | | | | | | |
| LB SOT-363-6L | | | | | | | | |
| M SOT-23-6L | | | | | | | | |
| N SOT-89-2L / SOT-89-3L | | | | | | | | |
| P SOP-8 | | | | | | | | |
| Q PDFN3x3-8L / PDFN3x3-8L-D | | | | | | | | |
| R DFN3x3-8L / DFN3x3-8L-D | | | | | | | | |
| S TO-247-3L | | | | | | | | |
| T TSSOP-8 | | | | | | | | |
| U TO-92-3L | | | | | | | | |
| V DFN2020-6L | | | | | | | | |
| W TO-262-3L | | | | | | | | |
| Y SOT-223-2L/SOT-223-3L | | | | | | | | |
| ZA TO-3P-3L | | | | | | | | |
| SP CSP | | | | | | | | |
| 2. Type | | | | | | | | |
| T = trench | | | | | | | | |
| 1. Prefix | | | | | | | | |
| JM JIEJIE MOSFET | | | | | | | | |

Nomenclature of JMT-series N-ch and P-ch Planar MOSFET

| JIEJIE MOSFET Naming Convention(Planar MOSFET) | | | | | | | |
|---|---|---|---|---|----|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| JM | P | K | 7 | N | 65 | A | |
| 8. Special Suffix Default=Blank J=J wafer | | | | | | | |
| 7. Version A= Version A B= Version B K=With ESD G1=Lion wafer | | | | | | | |
| 6. Vds - Max (BVDSS / 10) 65= 650V VDS 100=1000V VDS | | | | | | | |
| 5. Channel N= N channel P= P channel | | | | | | | |
| 4. ID - max 7= 7A 13 = 13A | | | | | | | |
| 3. Package Code | | | | | | | |
| A TO-220A-3L | | | | | | | |
| B TO-220B-3L | | | | | | | |
| C TO-220C-3L/TO-220H-3L | | | | | | | |
| D DFN1006-3L | | | | | | | |
| E TO-263-3L | | | | | | | |
| F TO-220FP-3L | | | | | | | |
| FP TO-220FA-3L | | | | | | | |
| G PDFN5x6-8L / PDFN5x6-8L-D | | | | | | | |
| H TO-251L-3L | | | | | | | |
| I TO-251-3L | | | | | | | |
| J SOT-23-3L | | | | | | | |
| K TO-252-3L | | | | | | | |
| L SOT-23(SOT-523-3L/SOT-723-3L) | | | | | | | |
| LA SOT-323-3L | | | | | | | |
| LB SOT-363-6L | | | | | | | |
| M SOT-23-6L | | | | | | | |
| N SOT-89-2L / SOT-89-3L | | | | | | | |
| P SOP-8 | | | | | | | |
| Q PDFN3x3-8L / PDFN3x3-8L-D | | | | | | | |
| R DFN3x3-8L / DFN3x3-8L-D | | | | | | | |
| S TO-247-3L | | | | | | | |
| T TSSOP-8 | | | | | | | |
| U TO-92-3L | | | | | | | |
| V DEN2020-6L | | | | | | | |
| W TO-220-3L | | | | | | | |
| Y SOT-223-2L/SOT-223-3L | | | | | | | |
| ZA TO-3P-3L | | | | | | | |
| SP CSP | | | | | | | |
| 2. Type P=Planar | | | | | | | |
| 1. Prefix JM JIEJIE MOSFET | | | | | | | |

(ADAS)

DC-DC

| JMPL1050AGQ | PDFN5x6-8L | Active | P | -100 | -30 | -2 | 36 | 50 | 48 | 65 | - | - | ±20 | 109 | 1412 | 222 | 2.6 | 20 | No | 720 |
|---------------|---------------|--------|-----|------|-----|------|------|------|-----|------|---|---|-----|-----|------|------|-----|------|----|-----|
| JMPL1050AKQ | TO-252-3L | Active | P | -100 | -36 | -2 | 37 | 50 | 50 | 66 | - | - | ±20 | 109 | 1412 | 222 | 2.6 | 20 | No | 740 |
| JMPL1050AUQ | PDFN3x3-8L | Active | P | -100 | -28 | -2 | 38 | 50 | 51 | 66 | - | - | ±20 | 109 | 1412 | 222 | 2.6 | 20 | No | 760 |
| JMPL0648PKQ | TO-252-3L | Active | P | -60 | -22 | -1.9 | 35 | 46 | 48 | 62 | - | - | ±20 | 74 | 951 | 174 | 9 | 14.4 | No | 504 |
| JMSL0406AGDQ | PDFN5x6-8L-D | Active | N+N | 40 | 49 | 1.6 | 5.5 | 6.9 | 7 | 9.5 | - | - | ±20 | 36 | 1227 | 526 | 55 | 17.9 | No | 98 |
| JMSH0406AGDQ | PDFN5x6-8L-D | Active | N+N | 40 | 50 | 2.8 | 5.2 | 6.5 | - | - | - | - | ±20 | 96 | 1027 | 662 | 105 | 14.9 | No | 77 |
| JMSH0403AGHWQ | PDFN5x6-8L-HW | Active | N+N | 40 | 111 | 2.8 | 2.7 | 3.3 | - | - | - | - | ±20 | 182 | 1715 | 894 | 54 | 25 | No | 68 |
| JMSL0403AGQ | PDFN5x6-8L | Active | N | 40 | 128 | 1.5 | 2.5 | 3.1 | 3.3 | 4.5 | - | - | ±20 | 79 | 1424 | 927 | 48 | 22 | No | 55 |
| JMSL0402AKQ | TO-252-3L | Active | N | 40 | 211 | 1.5 | 1.9 | 2.4 | 2.6 | 3.4 | - | - | ±20 | 338 | 3252 | 1888 | 55 | 50 | No | 95 |
| JMSL040SAGQ | PDFN5x6-8L | Active | N | 40 | 387 | 1.5 | 0.58 | 0.75 | 0.8 | 0.99 | - | - | ±20 | 506 | 7654 | 3738 | 44 | 114 | No | 66 |
| JMSH040SAGQ | PDFN5x6-8L | Active | N | 40 | 400 | 2.8 | 0.56 | 0.68 | - | - | - | - | ±20 | 864 | 7445 | 5755 | 282 | 107 | No | 60 |
| JMSL0401BGQ | PDFN5x6-8L | Active | N | 40 | 299 | 1.5 | 0.83 | 0.98 | 1.2 | 1.6 | - | - | ±20 | 726 | 5495 | 3347 | 44 | 80 | No | 66 |

| | | | | | | | | | | | | | | | | | | | | |
|---------------|---------------|--------|-----|----|-----|-----|------|------|------|------|---|---|-----|------|------|------|-----|------|-----|-----|
| JMSL0406AGQ | PDFN5x6-8L | Active | N | 40 | 90 | 1.6 | 4.2 | 5.2 | 5.8 | 7.6 | - | - | ±20 | 36 | 1204 | 536 | 51 | 17.9 | No | 75 |
| JMSL0406AUQ | PDFN3x3-8L | Active | N | 40 | 57 | 1.6 | 4.5 | 5.6 | 5.9 | 7.8 | - | - | ±20 | 36 | 1204 | 536 | 51 | 17.9 | No | 81 |
| JMSH0406BUQ | PDFN3x3-8L | Active | N | 40 | 59 | 2.8 | 4.8 | 6 | - | - | - | - | ±20 | 96 | 1032 | 630 | 34 | 15.4 | No | 74 |
| JMSL0406AKQ | TO-252-3L | Active | N | 40 | 78 | 1.6 | 4.7 | 5.6 | 6 | 7.8 | - | - | ±20 | 36 | 1204 | 536 | 51 | 17.9 | No | 84 |
| JMSL0402BGQ | PDFN5x6-8L | Active | N | 40 | 158 | 1.6 | 1.9 | 2.5 | 2.5 | 3.4 | - | - | ±20 | 126 | 2131 | 1538 | 95 | 36 | No | 68 |
| JMSL0402AGQ | PDFN5x6-8L | Active | N | 40 | 183 | 1.6 | 1.6 | 2 | 2.2 | 3 | - | - | ±20 | 163 | 3133 | 1993 | 75 | 46 | No | 74 |
| JMSL0402MGQ | PDFN5x6-8L | Active | N | 40 | 222 | 1.9 | 1.8 | 2.4 | 2.5 | 3.2 | - | - | ±20 | 356 | 4458 | 2000 | 154 | 70 | No | 126 |
| JMSL0401AGQ | PDFN5x6-8L | Active | N | 40 | 198 | 1.6 | 1.3 | 1.7 | 1.7 | 2.3 | - | - | ±20 | 194 | 3125 | 1607 | 18 | 47 | No | 61 |
| JMSH0406AKQ | TO-252-3L | Active | N | 40 | 73 | 2.8 | 5 | 6.2 | - | - | - | - | ±20 | 96 | 1027 | 662 | 105 | 15.2 | No | 76 |
| JMSH0406AGQ | PDFN5x6-8L | Active | N | 40 | 90 | 2.8 | 4.1 | 5.1 | - | - | - | - | ±20 | 96 | 1027 | 662 | 105 | 14.9 | No | 61 |
| JMSH0401AGQ | PDFN5x6-8L | Active | N | 40 | 197 | 2.8 | 1.3 | 1.7 | - | - | - | - | ±20 | 194 | 3015 | 2000 | 18 | 42 | No | 55 |
| JMSH0402AGQ | PDFN5x6-8L | Active | N | 40 | 182 | 2.8 | 1.6 | 2 | - | - | - | - | ±20 | 194 | 3020 | 2013 | 25 | 41 | No | 66 |
| JMSH0402AEQ | TO-263-3L | Active | N | 40 | 253 | 2.8 | 1.3 | 1.7 | - | - | - | - | ±20 | 726 | 5280 | 3405 | 71 | 68 | No | 88 |
| JMSH0402AKQ | TO-252-3L | Active | N | 40 | 170 | 2.8 | 2 | 2.5 | - | - | - | - | ±20 | 194 | 3020 | 2013 | 25 | 41 | No | 82 |
| JMSH0402BGQ | PDFN5x6-8L | Active | N | 40 | 166 | 2.8 | 2 | 2.5 | - | - | - | - | ±20 | 294 | 2094 | 1922 | 100 | 33 | No | 66 |
| JMSL0403PGQ | PDFN5x6-8L | Active | N | 40 | 150 | 1.6 | 2.2 | 2.9 | 3 | 3.9 | - | - | ±20 | 212 | 2197 | 1202 | 98 | 37 | No | 81 |
| JMSH0403AGQ | PDFN5x6-8L | Active | N | 40 | 121 | 2.8 | 2.7 | 3.4 | - | - | - | - | ±20 | 216 | 1542 | 1020 | 43 | 22 | No | 59 |
| JMSH0403BGQ | PDFN5x6-8L | Active | N | 40 | 145 | 2.8 | 2.2 | 2.8 | - | - | - | - | ±20 | 216 | 2086 | 1150 | 60 | 28 | No | 62 |
| JMSH0401ATLQ | PowerJE®10x12 | Active | N | 40 | 337 | 2.8 | 1 | 1.25 | - | - | - | - | ±20 | 317 | 5280 | 3405 | 71 | 68 | No | 68 |
| JMSH0401ATSQ | PowerJE®7x8 | Active | N | 40 | 352 | 2.8 | 0.9 | 1.1 | - | - | - | - | ±20 | 441 | 5214 | 3396 | 46 | 66 | No | 59 |
| JMSH0401BGQ | PDFN5x6-8L | Active | N | 40 | 276 | 2.8 | 0.9 | 1.1 | - | - | - | - | ±20 | 441 | 5280 | 3405 | 71 | 68 | No | 61 |
| JMSH0401CGQ | PDFN5x6-8L | Active | N | 40 | 252 | 2.8 | 1.1 | 1.4 | - | - | - | - | ±20 | 600 | 5304 | 3832 | 78 | 71 | No | 78 |
| JMSH040SPGQ | PDFN5X6-8L | Active | N | 40 | 342 | 3.1 | 0.7 | 0.9 | - | - | - | - | ±20 | 880 | 6820 | 3910 | 217 | 99 | No | 69 |
| JMSH0401MGQ | PDFN5X6-8L | Active | N | 40 | 223 | 2.7 | 1.4 | 1.7 | - | - | - | - | ±20 | 459 | 3625 | 1979 | 158 | 59 | No | 83 |
| JMSH0401PGQ | PDFN5X6-8L | Active | N | 40 | 323 | 2.7 | 0.8 | 1 | - | - | - | - | ±20 | 662 | 5693 | 3673 | 301 | 90 | No | 72 |
| JMSH0401PTSQ | PowerJE®7x8 | Active | N | 40 | 381 | 2.6 | 0.9 | 1.1 | - | - | - | - | ±20 | 662 | 5693 | 3673 | 301 | 90 | No | 81 |
| JMSH0403PGHWQ | PDFN5X6-8L-HW | Active | N | 40 | 140 | 3.1 | 3 | 3.6 | - | - | - | - | ±20 | 238 | 1976 | 1198 | 110 | 33 | No | 99 |
| JMSH0403PGQ | PDFN5X6-8L | Active | N | 40 | 143 | 3.1 | 2.5 | 3.3 | - | - | - | - | ±20 | 238 | 1976 | 1198 | 110 | 33 | No | 83 |
| JMSL04055GQ | PDFN5x6-8L | Active | N | 40 | 119 | 1.8 | 3.1 | 4 | 4.6 | 6 | - | - | ±20 | 106 | 1474 | 633 | 61 | 27 | No | 84 |
| JMSL04055UQ | PDFN3x3-8L | Active | N | 40 | 62 | 1.7 | 3.5 | 5.1 | 6.6 | 6 | - | - | ±20 | 106 | 1474 | 633 | 61 | 27 | No | 95 |
| JMSL04060GDQ | PDFN5x6-8L-D | Active | N | 40 | 95 | 1.7 | 4.8 | 6.3 | 6.4 | 8.3 | - | - | ±20 | 106 | 1474 | 633 | 61 | 27 | No | 130 |
| JMSL0615AGDQ | PDFN5x6-8L-D | Active | N+N | 60 | 33 | 1.6 | 10.5 | 13.5 | 13.5 | 17.5 | - | - | ±20 | 20 | 731 | 224 | 7.4 | 13.9 | No | 146 |
| JMSL0610AGDQ | PDFN5x6-8L-D | Active | N+N | 60 | 38 | 1.6 | 8.5 | 10.6 | 10.2 | 13 | - | - | ±20 | 34 | 1087 | 309 | 8.5 | 16.6 | No | 141 |
| JMSH0605AGDQ | PDFN5x6-8L-D | Active | N+N | 60 | 56 | 2.8 | 4.7 | 5.8 | - | - | - | - | ±20 | 216 | 1492 | 940 | 109 | 34 | No | 160 |
| JMSL0605AGDQ | PDFN5x6-8L-D | Active | N+N | 60 | 61 | 1.6 | 4.4 | 5.5 | 5.6 | 7.3 | - | - | ±20 | 182 | 1966 | 596 | 36 | 33 | No | 145 |
| JMSL0620AGDEQ | PDFN5x6-8L-D | Active | N+N | 60 | 23 | 1.8 | 18 | 23 | 25 | 33 | - | - | ±20 | 26 | 409 | 143 | 24 | 7.5 | Yes | 135 |
| JMSL0601AGQ | PDFN5x6-8L | Active | N | 60 | 315 | 1.5 | 0.9 | 1.2 | 1.3 | 1.7 | - | - | ±20 | 1176 | 7325 | 1821 | 45 | 114 | No | 103 |
| JMSH0602AGQ | PDFN5x6-8L | Active | N | 60 | 168 | 2.8 | 1.9 | 2.4 | - | - | - | - | ±20 | 240 | 3562 | 896 | 43 | 50 | No | 95 |
| JMSH0602AEQ | TO-263-3L | Active | N | 60 | 224 | 2.8 | 2 | 2.5 | - | - | - | - | ±20 | 338 | 5783 | 1695 | 39 | 81 | No | 162 |
| JMSH0601AGQ | PDFN5x6-8L | Active | N | 60 | 225 | 2.8 | 1.3 | 1.7 | - | - | - | - | ±20 | 375 | 5874 | 1375 | 45 | 81 | No | 105 |
| JMSH0601ATLQ | PowerJE®10x12 | Active | N | 60 | 348 | 2.8 | 1.2 | 1.6 | - | - | - | - | ±20 | 480 | 7312 | 2239 | 53 | 102 | No | 122 |
| JMSH0601BGQ | PDFN5x6-8L | Active | N | 60 | 314 | 2.8 | 1 | 1.3 | - | - | - | - | ±20 | 1014 | 7219 | 1841 | 47 | 102 | No | 102 |
| JMSH0603AKQ | TO-252-3L | Active | N | 60 | 151 | 2.8 | 2.6 | 3.3 | - | - | - | - | ±20 | 338 | 2312 | 1654 | 180 | 51 | No | 133 |
| JMSL0612AGQ | PDFN5x6-8L | Active | N | 60 | 52 | 1.6 | 9.5 | 12 | 12 | 16 | - | - | ±20 | 20 | 731 | 224 | 7.4 | 13.9 | No | 132 |
| JMSL0612AUQ | PDFN3x3-8L | Active | N | 60 | 36 | 1.6 | 10 | 12.5 | 12.3 | 16 | - | - | ±20 | 20 | 731 | 224 | 7.4 | 13.9 | No | 139 |

| | | | | | | | | | | | | | | | | | | | | |
|--------------|---------------|--------|-----|-----|------|-----|------|------|------|------|---|---|-----|------|--------|------|------|------|-----|-----|
| JMSL0609AGQ | PDFN5x6-8L | Active | N | 60 | 67 | 1.6 | 7.2 | 9.4 | 9 | 12 | - | - | ±20 | 34 | 1087 | 309 | 8.5 | 16.6 | No | 120 |
| JMSL0609AKQ | TO-252-3L | Active | N | 60 | 59 | 1.6 | 7.4 | 9.4 | 9.5 | 12.4 | - | - | ±20 | 74 | 1110 | 352 | 12 | 18.3 | No | 135 |
| JMSL0609AUQ | PDFN3x3-8L | Active | N | 60 | 44 | 1.6 | 7.5 | 9.4 | 9.4 | 12.2 | - | - | ±20 | 34 | 1087 | 309 | 8.5 | 16.6 | No | 125 |
| JMSL0604AGQ | PDFN5x6-8L | Active | N | 60 | 112 | 1.6 | 3.6 | 4.5 | 4.7 | 5.9 | - | - | ±20 | 94 | 2030 | 445 | 4.4 | 32 | No | 115 |
| JMSL0606AGQ | PDFN5x6-8L | Active | N | 60 | 103 | 1.6 | 4 | 5 | 5.2 | 6.5 | - | - | ±20 | 94 | 2030 | 445 | 4.4 | 32 | No | 128 |
| JMSH0606AGQ | PDFN5x6-8L | Active | N | 60 | 103 | 2.9 | 3.7 | 4.7 | - | - | - | - | ±20 | 216 | 1492 | 940 | 109 | 34 | No | 126 |
| JMSL0606AKQ | TO-252-3L | Active | N | 60 | 93 | 1.6 | 4.6 | 5.8 | 6 | 7.5 | - | - | ±20 | 94 | 2122 | 440 | 4.4 | 32 | No | 147 |
| JMSH0606AKQ | TO-252-3L | Active | N | 60 | 95 | 2.8 | 4.4 | 5.5 | - | - | - | - | ±20 | 216 | 1492 | 940 | 109 | 34 | No | 150 |
| JMSL0606AUQ | PDFN3x3-8L | Active | N | 60 | 59 | 1.6 | 5 | 6.2 | 6 | 7.8 | - | - | ±20 | 94 | 2122 | 440 | 4.4 | 32 | No | 160 |
| JMSL0603BGQ | PDFN5x6-8L | Active | N | 60 | 147 | 1.6 | 2.4 | 3 | 3.4 | 4.4 | - | - | ±20 | 338 | 3174 | 872 | 39 | 51 | No | 122 |
| JMSL0601BGQ | PDFN5x6-8L | Active | N | 60 | 252 | 1.6 | 1.25 | 1.6 | 1.8 | 2.5 | - | - | ±20 | 1634 | 4685 | 1429 | 40 | 75 | No | 94 |
| JMSL0612AKQ | TO-252-3L | Active | N | 60 | 57 | 1.7 | 9.9 | 12 | 12.6 | 16 | - | - | ±20 | 58 | 734 | 204 | 26 | 13.1 | No | 130 |
| JMSL0612PGQ | PDFN5x6-8L | Active | N | 60 | 72 | 1.9 | 7.4 | 9.7 | 10.5 | 13.7 | - | - | ±20 | 74 | 1110 | 443 | 34 | 19 | No | 141 |
| JMSL0602AGQ | PDFN5x6-8L | Active | N | 60 | 172 | 1.7 | 1.8 | 2.3 | 2.4 | 3.2 | - | - | ±20 | 240 | 2880 | 958 | 44 | 48 | No | 86 |
| JMSL0620AGEQ | PDFN5x6-8L | Active | N | 60 | 32 | 1.8 | 16 | 20 | 23 | 30 | - | - | ±20 | 26 | 409 | 143 | 24 | 7.5 | Yes | 120 |
| JMSH0602PGQ | PDFN5x6-8L | Active | N | 60 | 179 | 3 | 1.6 | 2.1 | - | - | - | - | ±20 | 497 | 4573 | 2330 | 102 | 70 | No | 112 |
| JMSH0603MGQ | PDFN5x6-8L | Active | N | 60 | 163 | 2.3 | 2.9 | - | - | - | - | - | ±20 | 423 | 2978 | 622 | 20 | 47 | No | 136 |
| JMSH0606PGQ | PDFN5x6-8L | Active | N | 60 | 118 | 2.8 | 3.9 | 5.1 | - | - | - | - | ±20 | 188 | 1769.8 | 907 | 49 | 29 | No | 113 |
| JMSL0615PGDQ | PDFN5x6-8L-D | Active | N | 60 | 78 | 1.9 | 8.3 | 10.8 | 12.1 | 15.7 | - | - | ±20 | 74 | 1125 | 444 | 31 | 19 | No | 158 |
| JMSL1040AGDQ | PDFN5x6-8L-D | Active | N+N | 100 | 22 | 1.9 | 28 | 36 | 40 | 52 | - | - | ±20 | 11.3 | 363 | 85 | 3 | 6.8 | No | 190 |
| JMSL1020AGDQ | PDFN5x6-8L-D | Active | N+N | 100 | 27 | 1.8 | 16.5 | 20 | 21 | 27 | - | - | ±20 | 29 | 769 | 171 | 5.1 | 12.7 | No | 210 |
| JMSH1001AE7Q | TO-263-7L | Active | N | 100 | 350 | 2.8 | 1.6 | 2 | - | - | - | - | ±20 | 512 | 9623 | 2091 | 1.2 | 155 | No | 248 |
| JMSH1001NTLQ | PowerJE®10x12 | Active | N | 100 | 312 | 2.9 | 1.7 | 2.2 | - | - | - | - | ±20 | 1722 | 11677 | 1764 | 38 | 169 | No | 287 |
| JMSH1003ATLQ | PowerJE®10x12 | Active | N | 100 | 228 | 2.8 | 2.7 | 3.4 | - | - | - | - | ±20 | 512 | 4398 | 1361 | 8.5 | 66 | No | 178 |
| JMSL1006PGQ | PDFN5x6-8L | Active | N | 100 | 120 | 1.6 | 4.5 | 5.8 | 5.5 | 7.1 | - | - | ±20 | 389 | 4251 | 658 | 26 | 71 | No | 320 |
| JMSL1008PGQ | PDFN5x6-8L | Active | N | 100 | 92 | 1.8 | 6.8 | 8.8 | 8.3 | 10.8 | - | - | ±20 | 238 | 2799 | 419 | 20 | 47 | No | 320 |
| JMSH1008AKQ | TO-252-3L | Active | N | 100 | 92 | 2.8 | 6.9 | 8.3 | - | - | - | - | ±20 | 109 | 2360 | 368 | 5.9 | 34 | No | 235 |
| JMSL1008AKQ | TO-252-3L | Active | N | 100 | 98 | 1.6 | 6.7 | 8.1 | 8.5 | 11 | - | - | ±20 | 118 | 2360 | 368 | 5.9 | 34 | No | 228 |
| JMSH1008AGQ | PDFN5x6-8L | Active | N | 100 | 87 | 2.7 | 6.2 | 7.8 | - | - | - | - | ±20 | 144 | 1920 | 445 | 7 | 30 | No | 186 |
| JMSL1008AGQ | PDFN5x6-8L | Active | N | 100 | 88 | 1.8 | 6 | 7.6 | 8 | 10 | - | - | ±20 | 102 | 2200 | 445 | 8 | 34 | No | 204 |
| JMSL1009AGQ | PDFN5x6-8L | Active | N | 100 | 80 | 1.7 | 7 | 8.2 | 8.9 | 11.2 | - | - | ±20 | 165 | 1314 | 548 | 26 | 25 | No | 175 |
| JMSL1009BUQ | PDFN3x3-8L | Active | N | 100 | 76 | 1.7 | 7.7 | 9.2 | 10 | 13 | - | - | ±20 | 165 | 1314 | 548 | 26 | 25 | No | 193 |
| JMSL1010AUQ | PDFN3x3-8L | Active | N | 100 | 46 | 1.9 | 8.5 | 10.6 | 10.5 | 13.7 | - | - | ±20 | 45 | 1535 | 335 | 8.2 | 26 | No | 221 |
| JMSL1010AGQ | PDFN5x6-8L | Active | N | 100 | 68 | 1.9 | 8 | 10 | 10.5 | 13.7 | - | - | ±20 | 94 | 1535 | 335 | 8.2 | 26 | No | 208 |
| JMSL1010AKQ | TO-252-3L | Active | N | 100 | 86 | 1.9 | 8.3 | 10 | 10.8 | 13.5 | - | - | ±20 | 94 | 1535 | 335 | 8.2 | 26 | No | 216 |
| JMSH1010AGQ | PDFN5x6-8L | Active | N | 100 | 64 | 2.7 | 8.8 | 11 | - | - | - | - | ±20 | 94 | 1372 | 291 | 6.2 | 21 | No | 185 |
| JMSL1010PGQ | PDFN5x6-8L | Active | N | 100 | 77 | 1.7 | 9.3 | 12.1 | 12.1 | 15.7 | - | - | ±20 | 110 | 2121 | 362 | 18.4 | 36 | No | 335 |
| JMSL1018PGQ | PDFN5x6-8L | Active | N | 100 | 57 | 1.5 | 13.2 | 17.1 | 17.6 | 22.9 | - | - | ±20 | 44 | 1015 | 356 | 19 | 18 | No | 238 |
| JMSL1018PKQ | TO-252-3L | Active | N | 100 | 39 | 1.6 | 13 | 17 | 15 | 20 | - | - | ±20 | 44 | 1015 | 356 | 19 | 18 | No | 234 |
| JMSL1040AGQ | PDFN5x6-8L | Active | N | 100 | 27 | 1.8 | 29 | 36 | 39 | 50 | - | - | ±20 | 14 | 363 | 85 | 3 | 6.8 | No | 197 |
| JMSL1040AUQ | PDFN3x3-8L | Active | N | 100 | 20 | 1.8 | 29 | 39 | 39 | 50 | - | - | ±20 | 14 | 363 | 85 | 3 | 6.8 | No | 197 |
| JMSL1040AVQ | U-DFN2020-6L | Active | N | 100 | 10.6 | 1.9 | 29 | 36 | 37 | 48 | - | - | ±20 | 11.3 | 363 | 85 | 3 | 6.8 | No | 197 |
| JMSL1018AGQ | PDFN5x6-8L | Active | N | 100 | 47 | 1.8 | 15 | 18.7 | 18.7 | 24.4 | - | - | ±20 | 29 | 769 | 171 | 5.1 | 12.7 | No | 191 |
| JMSL1018AUQ | PDFN3x3-8L | Active | N | 100 | 29 | 1.8 | 16.2 | 20 | 20.8 | 27 | - | - | ±20 | 29 | 769 | 171 | 5.1 | 12.7 | No | 206 |
| JMSL1006AGQ | PDFN5x6-8L | Active | N | 100 | 110 | 1.8 | 4.7 | 5.9 | 5.9 | 7.7 | - | - | ±20 | 110 | 2604 | 567 | 9.6 | 42 | No | 197 |

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|----------------|---------------|--------|---|-----|-----|-----|-----|------|------|----|---|---|-----|------|------|------|------|------|----|-------|
| JMSL1018AKQ | TO-252-3L | Active | N | 100 | 45 | 1.9 | 15 | 18.8 | 19.5 | 26 | - | - | ±20 | 43 | 769 | 171 | 5.1 | 12.7 | No | 191 |
| JMSH1004BGQ | PDFN5x6-8L | Active | N | 100 | 138 | 2.7 | 3.3 | 4.3 | - | - | - | - | ±20 | 231 | 3434 | 906 | 14 | 57 | No | 188 |
| JMSH1004BGWQ | PDFN5x6-8L-W | Active | N | 100 | 152 | 2.9 | 3.6 | 4.3 | - | - | - | - | ±20 | 450 | 3434 | 906 | 14 | 57 | No | 205 |
| JMSH1004BEQ | TO-263-3L | Active | N | 100 | 160 | 2.7 | 3.5 | 4.2 | - | - | - | - | ±20 | 304 | 3433 | 905 | 13 | 57 | No | 200 |
| JMSH1003AGQ | PDFN5x6-8L | Active | N | 100 | 170 | 2.7 | 2.8 | 3.5 | - | - | - | - | ±20 | 346 | 4374 | 1140 | 4.7 | 70 | No | 196 |
| JMSH1003AGWQ | PDFN5x6-8L-W | Active | N | 100 | 178 | 2.9 | 2.8 | 3.4 | - | - | - | - | ±20 | 481 | 4797 | 900 | 19.1 | 69 | No | 193 |
| JMSH1004AEQ | TO-263-3L | Active | N | 100 | 216 | 2.7 | 3 | 3.8 | - | - | - | - | ±20 | 375 | 4398 | 1361 | 8.5 | 66 | No | 198 |
| JMSH1003AE7Q | TO-263-7L | Active | N | 100 | 196 | 2.7 | 2.8 | 3.5 | - | - | - | - | ±20 | 406 | 4398 | 1361 | 8.5 | 66 | No | 185 |
| JMSH1002AEQ | TO-263-3L | Active | N | 100 | 350 | 2.7 | 1.6 | 2 | - | - | - | - | ±20 | 1250 | 9623 | 2091 | 1.2 | 155 | No | 248 |
| JMSH1002ASQ | TO-247-3L | Active | N | 100 | 333 | 2.7 | 1.8 | 2.2 | - | - | - | - | ±20 | 1458 | 9623 | 2091 | 32 | 155 | No | 279 |
| JMSH1010AKQ | TO-252-3L | Active | N | 100 | 79 | 2.8 | 9.2 | 11.5 | - | - | - | - | ±20 | 86 | 1372 | 291 | 6.2 | 21 | No | 193 |
| JMSH1001ATLQ | PowerJE®10x12 | Active | N | 100 | 479 | 2.8 | 1.3 | 1.6 | - | - | - | - | ±20 | 512 | 9623 | 2091 | 32 | 155 | No | 202 |
| JMSH1008PGQ | PDFN5x6-8L | Active | N | 100 | 90 | 3.1 | 7.4 | 9.6 | - | - | - | - | ±20 | 265 | 2393 | 426 | 22 | 39 | No | 720 |
| JMSL1040PGQ | PDFN5x6-8L | Active | N | 100 | 35 | 1.8 | 24 | 31 | 30 | 39 | - | - | 100 | 47 | 749 | 117 | 10.4 | 13 | No | 312 |
| JMSH1508AEQ | TO-263-3L | Active | N | 150 | 117 | 3.2 | 6.7 | 8.4 | - | - | - | - | ±20 | 265 | 3395 | 457 | 17 | 47 | No | 315 |
| JMSH1509AGQ | PDFN5x6-8L | Active | N | 150 | 87 | 3.2 | 8.5 | 9.9 | - | - | - | - | ±20 | 331 | 2181 | 363 | 7.9 | 30 | No | 255 |
| JMSH1507AEQ | TO-263-3L | Active | N | 150 | 161 | 3.2 | 5.2 | 6.5 | - | - | - | - | ±20 | 540 | 4320 | 535 | 7.2 | 68 | No | 354 |
| JMSH1504ATLQ | PowerJE®10x12 | Active | N | 150 | 227 | 3.2 | 3.3 | 4.2 | - | - | - | - | ±20 | 800 | 6540 | 772 | 6.7 | 88 | No | 290 |
| JMSH1504AEQ | TO-263-3L | Active | N | 150 | 210 | 3.2 | 3.9 | 4.9 | - | - | - | - | ±20 | 889 | 6540 | 772 | 6.7 | 88 | No | 343 |
| JMSH1504ASQ | TO-247-3L | Active | N | 150 | 230 | 3.2 | 4 | 4.9 | - | - | - | - | ±20 | 889 | 6540 | 772 | 6.7 | 88 | No | 352 |
| JMSH1535AGQ | PDFN5x6-8L | Active | N | 150 | 29 | 3.3 | 27 | 35 | - | - | - | - | ±20 | 48 | 760 | 113 | 23 | 12.3 | No | 332 |
| JMSH1565AKSQ | TO-252-3L | Active | N | 150 | 26 | 3.2 | 52 | 65 | - | - | - | - | ±20 | 39 | 306 | 70 | 3.8 | 5.3 | No | 276 |
| JMSH1566AKQ | TO-252-3L | Active | N | 150 | 20 | 3.2 | 57 | 72 | - | - | - | - | ±20 | 10.5 | 360 | 54 | 3.8 | 5.9 | No | 336 |
| JMSH1507PEQ | TO-263-3L | Active | N | 150 | 134 | 3.2 | 5.2 | 6.7 | - | - | - | - | ±20 | 850 | 5800 | 557 | 17 | 83 | No | 60 |
| JMSH2010PCQ | TO-220-3L | Active | N | 200 | 106 | 3 | 7.6 | 9.9 | - | - | - | - | ±20 | 1006 | 8788 | 455 | 17 | 60 | No | 66 |
| JMH65R290AEFDQ | TO-263-3L | Active | N | 650 | 12 | 3.5 | 259 | 290 | - | - | - | - | ±25 | 281 | 1056 | 31 | 10 | 22 | No | 5,698 |
| JMH65R110ACFDQ | TO-220-3L | Active | N | 650 | 35 | 3.5 | 99 | 110 | - | - | - | - | ±30 | 500 | 2869 | 93 | 5.4 | 72 | No | 7,128 |
| JMH65R110AEFDQ | TO-263-3L | Active | N | 650 | 35 | 3.5 | 98 | 110 | - | - | - | - | ±30 | 500 | 2869 | 93 | 5.4 | 72 | No | 7,056 |
| JMH65R040ASFDQ | TO-247-3L | Active | N | 650 | 71 | 4 | 35 | 40 | - | - | - | - | ±20 | 1125 | 6843 | 250 | 4.3 | 163 | No | 5,705 |

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|--------------|---------------|--------|-----|------|------|-----|------|------|------|------|---|---|-----|-------|-------|---------|-------|-------|----|-----|
| JMPL1025AE | TO-263-3L | Active | P | -100 | -49 | -2 | 21 | 25 | 29 | 38.0 | - | - | ±20 | 304.0 | 2,525 | 427.0 | 32.0 | 37.0 | No | 777 |
| JMPL1050AU | PDFN3x3-8L | Active | P | -100 | -26 | -2 | 38 | 50 | 51 | 66.0 | - | - | ±20 | 109.0 | 1,412 | 222.0 | 2.6 | 20.0 | No | 760 |
| JMPL1050AK | TO-252-3L | Active | P | -100 | -30 | -2 | 37 | 50 | 50 | 66.0 | - | - | ±20 | 109.0 | 1,412 | 222.0 | 2.6 | 20.0 | No | 740 |
| JMPL1050AY | SOT-223-3L | Active | P | -100 | -9.7 | -2 | 40 | 52 | 53 | 68.0 | - | - | ±20 | 109.0 | 1,412 | 222.0 | 2.6 | 20.0 | No | 800 |
| JMPL1050AP | SOP-8 | Active | P | -100 | -6.3 | -2 | 36 | 50 | 57 | 70.0 | - | - | ±20 | 109.0 | 1,412 | 222.0 | 2.6 | 20.0 | No | 720 |
| JMSL030SAG | PDFN5x6-8L | Active | N | 30 | 327 | 1.7 | 0.55 | 0.69 | 0.8 | 1.0 | - | - | ±20 | 342.0 | 7,543 | 5,253.0 | 422.0 | 120.0 | No | 66 |
| JMSL0302AGND | DFN5060-8L-C | Active | N+N | 30 | 63 | 1.8 | 3.7 | 4.7 | 5.8 | 7.6 | - | - | ±20 | 49.0 | 1,058 | 880.0 | 60.0 | 16.8 | No | 62 |
| | | | | | 161 | 1.7 | 1.7 | 2.1 | 2.6 | 3.3 | - | - | ±12 | 217.0 | 2,091 | 1,539.0 | 147.0 | 32.0 | No | 54 |
| | | | | | 64 | 1.8 | 3.4 | 4.3 | 5.6 | 7.3 | - | - | ±20 | 49.0 | 1,043 | 861.0 | 59.0 | 16.8 | No | 57 |
| JMSL0301AGND | DFN5060-8L-B | Active | N+N | 30 | 173 | 0.9 | 1.2 | 1.55 | 1.9 | 1.9 | - | - | ±12 | 217.0 | 3,565 | 2,557.0 | 200.0 | 58.0 | No | 52 |
| JMSL0301AG | PDFN5x6-8L | Active | N | 30 | 245 | 1.7 | 0.85 | 1.1 | 1.3 | 1.7 | - | - | ±20 | 205.0 | 4,185 | 2,860.0 | 233.0 | 64.0 | No | 54 |
| JMSL0302AK | TO-252-3L | NRND | N | 30 | 161 | 1.6 | 1.7 | 2.2 | 2.2 | 2.9 | - | - | ±20 | 205.0 | 4,185 | 2,861.0 | 233.0 | 64.0 | No | 109 |
| JMSL0302AG | PDFN5x6-8L | NRND | N | 30 | 178 | 1.7 | 1.3 | 1.55 | 2 | 2.9 | - | - | ±20 | 101.0 | 2,975 | 2,650.0 | 117.0 | 39.0 | No | 51 |
| JMSL0302AU | PDFN3x3-8L | NRND | N | 30 | 145 | 1.7 | 1.2 | 1.5 | 2 | 2.9 | - | - | ±20 | 101.0 | 2,975 | 2,650.0 | 117.0 | 39.0 | No | 47 |
| JMSL0302BU | PDFN3x3-8L | NRND | N | 30 | 135 | 1.6 | 1.5 | 1.9 | 2.2 | 2.8 | - | - | ±20 | 94.0 | 2,526 | 1,924.0 | 186.0 | 40.0 | No | 60 |
| JMSL0302DG | PDFN5x6-8L | NRND | N | 30 | 174 | 1.7 | 1.3 | 1.65 | 2.1 | 2.9 | - | - | ±20 | 118.0 | 2,628 | 1,298.0 | 64.0 | 44.0 | No | 57 |
| JMSL0302PG | PDFN5x6-8L | Active | N | 30 | 199 | 1.6 | 1.3 | 1.8 | 1.9 | 2.7 | - | - | ±20 | 277.0 | 3,237 | 2,268.0 | 207.0 | 51.0 | No | 66 |
| JMSL0303AG | PDFN5x6-8L | Active | N | 30 | 136 | 1.6 | 1.7 | 2.2 | 2.4 | 3.2 | - | - | ±20 | 61.0 | 2,091 | 1,539.0 | 147.0 | 32.0 | No | 54 |
| JMSL0303AK | TO-252-3L | Active | N | 30 | 118 | 1.6 | 2.7 | 3.5 | 3.5 | 4.5 | - | - | ±20 | 94.0 | 2,526 | 1,924.0 | 186.0 | 40.0 | No | 108 |
| JMSL0303AU | PDFN3x3-8L | Active | N | 30 | 119 | 1.6 | 1.8 | 2.2 | 2.7 | 3.5 | - | - | ±20 | 61.0 | 2,091 | 1,539.0 | 147.0 | 32.0 | No | 58 |
| JMSL0307AG | PDFN5x6-8L | Active | N | 30 | 65 | 1.7 | 3.8 | 4.8 | 5.8 | 7.5 | - | - | ±20 | 20.0 | 866 | 739.0 | 54.0 | 13.5 | No | 51 |
| JMSL0310AU | PDFN3x3-8L | Active | N | 30 | 60 | 1.7 | 4 | 5 | 6 | 8.0 | - | - | ±20 | 20.0 | 866 | 739.0 | 54.0 | 13.5 | No | 54 |
| JMSL0307AV | DFN2020-6L | Active | N | 30 | 29 | 1.6 | 3.7 | 4.8 | 5.3 | 7.0 | - | - | ±20 | 20.0 | 866 | 739.0 | 54.0 | 13.5 | No | 50 |
| JMSL0315AU | PDFN3x3-8L | Active | N | 30 | 43 | 1.7 | 7 | 8.8 | 10.6 | 13.8 | - | - | ±20 | 8.5 | 468 | 363.0 | 41.0 | 7.7 | No | 54 |
| JMSL0315AG | PDFN5x6-8L | Active | N | 30 | 44 | 1.7 | 7 | 8.8 | 10 | 13.0 | - | - | ±20 | 5.0 | 468 | 363.0 | 41.0 | 7.7 | No | 54 |
| JMSL0315AK | TO-252-3L | Active | N | 30 | 41 | 1.7 | 9.5 | 11.8 | 13 | 15.9 | - | - | ±20 | 5.0 | 468 | 363.0 | 41.0 | 7.7 | No | 73 |
| JMSL0315AP | SOP-8 | Active | N | 30 | 14 | 1.6 | 8.2 | 10 | 11.4 | 15.0 | - | - | ±20 | 6.0 | 468 | 363.0 | 41.0 | 7.7 | No | 63 |
| JMSL0315AV | DFN2020-6L | Active | N | 30 | 22 | 1.6 | 7.2 | 9 | 10.5 | 13.6 | - | - | ±20 | 8.5 | 468 | 363.0 | 41.0 | 7.7 | No | 55 |
| JMSL0315AGD | PDFN5x6-8L-D | Active | N+N | 30 | 37 | 1.7 | 7.5 | 9.5 | 10.5 | 14.0 | - | - | ±20 | 5.0 | 468 | 363.0 | 41.0 | 7.7 | No | 58 |
| JMSL0315AUD | PDFN3x3-8L-D | Active | N+N | 30 | 36 | 1.7 | 8.8 | 11 | 12.4 | 16.0 | - | - | ±20 | 8.5 | 468 | 363.0 | 41.0 | 7.7 | No | 68 |
| JMSL0315APD | SOP-8 | Active | N+N | 30 | 12.4 | 1.6 | 9.5 | 12 | 12.3 | 15.6 | - | - | ±20 | 6.1 | 468 | 363.0 | 41.0 | 7.7 | No | 73 |
| JMSL0315ARD | W-DFN3030-8L | Active | N+N | 30 | 37 | 1.7 | 6.5 | 8.5 | 10 | 13.0 | - | - | ±20 | 8.5 | 469 | 363.0 | 41.0 | 7.7 | No | 50 |
| JMSL040SAG | PDFN5x6-8L | NRND | N | 40 | 349 | 1.5 | 0.58 | 0.75 | 0.8 | 1.0 | - | - | ±20 | 506.0 | 7,622 | 4,052.0 | 184.0 | 116.0 | No | 67 |
| JMSH040SAG | PDFN5x6-8L | NRND | N | 40 | 400 | 2.8 | 0.56 | 0.68 | - | - | - | - | ±20 | 864.0 | 7,445 | 5,755.0 | 282.0 | 107.0 | No | 60 |
| JMSH040SPG | PDFN5x6-8L | Active | N | 40 | 324 | 3.1 | 0.7 | 0.9 | - | - | - | - | ±20 | 880.0 | 6,820 | 3,910.0 | 217.0 | 99.0 | No | 69 |
| JMSL0401BG | PDFN5x6-8L | NRND | N | 40 | 243 | 1.5 | 0.83 | 1 | 1.2 | 1.6 | - | - | ±20 | 317.0 | 5,490 | 3,080.0 | 125.0 | 82.0 | No | 68 |
| JMSH0401BG | PDFN5x6-8L | NRND | N | 40 | 265 | 2.8 | 0.9 | 1.1 | - | - | - | - | ±20 | 441.0 | 5,280 | 3,405.0 | 71.0 | 68.0 | No | 61 |
| JMSH0401ATL | PowerJE®10x12 | NRND | N | 40 | 336 | 2.5 | 1 | 1.25 | - | - | - | - | ±20 | 317.0 | 5,978 | 3,004.0 | 114.0 | 89.0 | No | 89 |
| JMSH0401AG | PDFN5x6-8L | NRND | N | 40 | 190 | 2.8 | 1.3 | 1.7 | - | - | - | - | ±20 | 194.0 | 3,015 | 2,000.0 | 18.0 | 42.0 | No | 55 |
| JMSL0401AG | PDFN5x6-8L | Active | N | 40 | 189 | 1.5 | 1.3 | 1.7 | 1.7 | 2.3 | - | - | ±20 | 163.0 | 3,133 | 1,993.0 | 75.0 | 46.0 | No | 60 |
| JMSH0401PG | PDFN5x6-8L | Active | N | 40 | 211 | 3 | 0.8 | 1 | - | - | - | - | ±20 | 662.0 | 5,693 | 3,673.0 | 301.0 | 90.0 | No | 72 |
| JMSH0401CG | PDFN5x6-8L | Active | N | 40 | 240 | 2.8 | 1.1 | 1.4 | - | - | - | - | ±20 | 600.0 | 5,304 | 3,832.0 | 78.0 | 71.0 | No | 78 |
| JMSL0402AG | PDFN5x6-8L | Active | N | 40 | 168 | 1.5 | 1.6 | 2 | 2.2 | 3.0 | - | - | ±20 | 163.0 | 3,133 | 1,993.0 | 75.0 | 46.0 | No | 74 |
| JMSL0402AK | TO-252-3L | Active | N | 40 | 150 | 1.5 | 1.8 | 2.2 | 2.2 | 3.0 | - | - | ±20 | 163.0 | 3,133 | 1,993.0 | 75.0 | 46.0 | No | 83 |
| JMSL0402BG | PDFN5x6-8L | Active | N | 40 | 130 | 1.5 | 1.9 | 2.5 | 2.5 | 3.4 | - | - | ±20 | 126.0 | 2,131 | 1,538.0 | 95.0 | 36.0 | No | 68 |

| | | | | | | | | | | | | | | | | | | | | |
|-------------|---------------|--------|-----|----|------|-----|------|-----|-----|-----|---|---|-----|---------|-------|---------|-------|-------|----|-----|
| JMSL0402AU | PDFN3x3-8L | Active | N | 40 | 119 | 1.5 | 2 | 2.5 | 2.7 | 3.5 | - | - | ±20 | 126.0 | 2,131 | 1,538.0 | 95.0 | 36.0 | No | 72 |
| JMSL0402PG | PDFN5x6-8L | Active | N | 40 | 233 | 1.4 | 1.3 | 1.8 | 1.5 | 2.1 | - | - | ±20 | 497.0 | 7,212 | 3,354.0 | 223.0 | 112.0 | No | 146 |
| JMSH0402PG | PDFN5x6-8L | Active | N | 40 | 202 | 2.7 | 1.4 | 1.8 | - | - | - | - | ±20 | 459.0 | 3,733 | 2,042.0 | 156.0 | 59.0 | No | 83 |
| JMSL0402PTL | PowerJE®10x12 | Active | N | 40 | 310 | 1.6 | 0.9 | 1.3 | - | - | - | - | ±20 | 497.0 | 7,212 | 3,354.0 | 223.0 | 112.0 | No | 101 |
| JMSH0403AG | PDFN5x6-8L | Active | N | 40 | 117 | 2.8 | 2.7 | 3.4 | - | - | - | - | ±20 | 216.0 | 1,542 | 1,020.0 | 43.0 | 22.0 | No | 59 |
| JMSL0403AG | PDFN5x6-8L | Active | N | 40 | 109 | 1.5 | 2.5 | 3.1 | 3.3 | 4.5 | - | - | ±20 | 79.0 | 1,424 | 927.0 | 48.0 | 22.0 | No | 55 |
| JMSL0403AU | PDFN3x3-8L | Active | N | 40 | 99 | 1.6 | 2.5 | 3.1 | 3.5 | 4.6 | - | - | ±20 | 79.0 | 1,424 | 927.0 | 48.0 | 22.0 | No | 55 |
| JMSL0403PG | PDFN5x6-8L | Active | N | 40 | 130 | 1.9 | 3 | 3.9 | 4.1 | 5.3 | - | - | ±20 | 212.0 | 2,510 | 1,233.0 | 108.0 | 42.0 | No | 126 |
| JMSH0403BG | PDFN5x6-8L | Active | N | 40 | 139 | 2.8 | 2.2 | 2.8 | - | - | - | - | ±20 | 216.0 | 2,086 | 1,150.0 | 60.0 | 28.0 | No | 62 |
| JMSL0406AG | PDFN5x6-8L | Active | N | 40 | 70 | 1.7 | 4.2 | 5.2 | 5.8 | 7.6 | - | - | ±20 | 36.0 | 1,204 | 536.0 | 51.0 | 17.9 | No | 75 |
| JMSL0406AGD | PDFN5x6-8L-D | Active | N+N | 40 | 43 | 1.7 | 5.7 | 6.9 | 7.2 | 9.5 | - | - | ±20 | 22.0 | 1,227 | 526.0 | 55.0 | 19.4 | No | 111 |
| JMSL0406AK | TO-252-3L | Active | N | 40 | 73 | 1.7 | 4.5 | 5.4 | 6.2 | 7.8 | - | - | ±20 | 36.0 | 1,204 | 536.0 | 51.0 | 17.9 | No | 81 |
| JMSL0406AU | PDFN3x3-8L | Active | N | 40 | 55 | 1.7 | 4.5 | 5.6 | 5.9 | 7.8 | - | - | ±20 | 36.0 | 1,204 | 536.0 | 51.0 | 17.9 | No | 81 |
| JMSL0406AP | SOP-8 | Active | N | 40 | 17.8 | 1.7 | 4.8 | 6 | 6 | 7.8 | - | - | ±20 | 36.0 | 1,204 | 536.0 | 51.0 | 17.9 | No | 86 |
| JMSH0406AG | PDFN5x6-8L | NRND | N | 40 | 86 | 2.8 | 4.1 | 5.1 | - | - | - | - | ±20 | 96.0 | 1,027 | 662.0 | 105.0 | 14.9 | No | 61 |
| JMSL0406PG | PDFN5x6-8L | Active | N | 40 | 103 | 1.8 | 3.7 | 4.9 | 5.3 | 6.9 | - | - | ±20 | 106.0 | 1,474 | 633.0 | 61.0 | 27.0 | No | 100 |
| JMSH0406AGD | PDFN5x6-8L-D | Active | N+N | 40 | 64 | 2.8 | 5.2 | 6.5 | - | - | - | - | ±20 | 96.0 | 1,027 | 662.0 | 105.0 | 14.9 | No | 77 |
| JMSL0601AG | PDFN5x6-8L | NRND | N | 60 | 275 | 1.5 | 0.9 | 1.2 | 1.3 | 1.7 | - | - | ±20 | 480.0 | 6,338 | 2,157.0 | 34.0 | 102.0 | No | 92 |
| JMSH0406AK | TO-252-3L | Active | N | 40 | 70 | 2.8 | 5 | 6.2 | - | - | - | - | ±20 | 96.0 | 1,027 | 662.0 | 105.0 | 14.9 | No | 75 |
| JMSH0406AU | PDFN3x3-8L | Active | N | 40 | 58 | 2.8 | 4.3 | 5.4 | - | - | - | - | ±20 | 96.0 | 1,027 | 662.0 | 105.0 | 14.9 | No | 64 |
| JMSH0601AG | PDFN5x6-8L | NRND | N | 60 | 197 | 3 | 1.4 | 1.8 | - | - | - | - | ±20 | 375.0 | 6,035 | 1,365.0 | 35.0 | 78.0 | No | 109 |
| JMSH0601ATL | PowerJE®10x12 | Active | N | 60 | 348 | 2.8 | 1.2 | 1.6 | - | - | - | - | ±20 | 480.0 | 7,312 | 2,239.0 | 53.0 | 102.0 | No | 122 |
| JMSH0601BG | PDFN5x6-8L | Active | N | 60 | 303 | 2.8 | 1 | 1.3 | - | - | - | - | ±20 | 1,014.0 | 7,219 | 1,841.0 | 47.0 | 102.0 | No | 102 |
| JMSH0602AC | TO-220-3L | NRND | N | 60 | 195 | 3 | 2 | 2.5 | - | - | - | - | ±20 | 375.0 | 6,035 | 1,365.0 | 35.0 | 78.0 | No | 156 |
| JMSH0602AE | TO-263-3L | NRND | N | 60 | 195 | 3 | 1.8 | 2.3 | - | - | - | - | ±20 | 375.0 | 6,035 | 1,365.0 | 35.0 | 78.0 | No | 140 |
| JMSH0602AK | TO-252-3L | NRND | N | 60 | 195 | 3 | 2.2 | 2.8 | - | - | - | - | ±20 | 600.0 | 6,240 | 3,779.0 | 247.0 | 81.0 | No | 178 |
| JMSL0601BG | PDFN5x6-8L | Active | N | 60 | 226 | 1.6 | 1.25 | 1.6 | 1.8 | 2.4 | - | - | ±20 | 375.0 | 4,685 | 1,429.0 | 40.0 | 75.0 | No | 94 |
| JMSH0602PG | PDFN5x6-8L | Active | N | 60 | 200 | 3 | 1.6 | 1.9 | - | - | - | - | ±20 | 497.0 | 4,574 | 2,330.0 | 102.0 | 70.0 | No | 112 |
| JMSH0602AG | PDFN5x6-8L | NRND | N | 60 | 151 | 2.8 | 1.9 | 2.4 | - | - | - | - | ±20 | 240.0 | 3,562 | 896.0 | 43.0 | 50.0 | No | 95 |
| JMSL0602AG | PDFN5x6-8L | NRND | N | 60 | 147 | 1.7 | 1.9 | 2.5 | 2.5 | 3.5 | - | - | ±20 | 240.0 | 2,880 | 958.0 | 44.0 | 48.0 | No | 91 |
| JMSL0602MG | PDFN5x6-8L | Active | N | 60 | 243 | 1.4 | 1 | 1.5 | 1.3 | 1.9 | - | - | ±20 | 850.0 | 6,859 | 2,504.0 | 115.0 | 114.0 | No | 114 |
| JMSL0602PG | PDFN5x6-8L | Active | N | 60 | 209 | 1.6 | 1.7 | 2.2 | 2.1 | 2.7 | - | - | ±20 | 489.0 | 5,584 | 2,623.0 | 135.0 | 96.0 | No | 163 |
| JMSH0602PC | TO-220-3L | Active | N | 60 | 178 | 2.9 | 2.4 | 4.4 | - | - | - | - | ±20 | 697.0 | 4,716 | 2,175.0 | 49.0 | 71.0 | No | 170 |
| JMSH0603PG | PDFN5x6-8L | Active | N | 60 | 118 | 3.1 | 2.1 | 2.8 | - | - | - | - | ±20 | 324.0 | 2,965 | 1,635.0 | 71.0 | 45.0 | No | 95 |
| JMSH0603AK | TO-252-3L | NRND | N | 60 | 145 | 2.8 | 2.6 | 3.3 | - | - | - | - | ±20 | 338.0 | 2,312 | 1,654.0 | 180.0 | 51.0 | No | 133 |
| JMSL0603AK | TO-252-3L | Active | N | 60 | 145 | 1.6 | 2.6 | 3.3 | 3.3 | 4.3 | - | - | ±20 | 338.0 | 2,764 | 1,039.0 | 39.0 | 49.0 | No | 127 |
| JMSL0603BG | PDFN5x6-8L | NRND | N | 60 | 142 | 1.6 | 2.4 | 3 | 3.4 | 4.4 | - | - | ±20 | 338.0 | 3,174 | 872.0 | 39.0 | 51.0 | No | 122 |
| JMSL0603PG | PDFN5x6-8L | Active | N | 60 | 154 | 1.6 | 2.1 | 2.9 | 2.7 | 3.8 | - | - | ±20 | 324.0 | 3,566 | 1,749.0 | 103.0 | 62.0 | No | 130 |
| JMSH0603PK | TO-252-3L | Active | N | 60 | 86 | 2.7 | 2.8 | 3.7 | - | - | - | - | ±20 | 330.0 | 2,965 | 1,635.0 | 71.0 | 45.0 | No | 126 |
| JMSL0604AG | PDFN5x6-8L | Active | N | 60 | 98 | 1.8 | 3.9 | 4.9 | 5 | 6.3 | - | - | ±20 | 109.0 | 2,030 | 445.0 | 4.4 | 32.0 | No | 125 |
| JMSL0605AGD | PDFN5x6-8L-D | Active | N+N | 60 | 59 | 1.6 | 4.4 | 5.5 | 5.6 | 7.3 | - | - | ±20 | 182.0 | 1,966 | 596.0 | 36.0 | 33.0 | No | 145 |
| JMSH0605AGD | PDFN5x6-8L-D | Active | N+N | 60 | 54 | 2.8 | 4.7 | 5.8 | - | - | - | - | ±20 | 216.0 | 1,492 | 940.0 | 109.0 | 34.0 | No | 160 |
| JMSL0605PG | PDFN5x6-8L | Active | N | 60 | 100 | 1.7 | 3.9 | 5.1 | 5.5 | 7.1 | - | - | ±20 | 188.0 | 1,474 | 1,045.0 | 44.0 | 25.0 | No | 98 |
| JMSH0606AG | PDFN5x6-8L | NRND | N | 60 | 98 | 2.9 | 3.7 | 4.7 | - | - | - | - | ±20 | 216.0 | 1,492 | 940.0 | 109.0 | 34.0 | No | 126 |
| JMSH0606AK | TO-252-3L | Active | N | 60 | 90 | 2.8 | 4.4 | 5.5 | - | - | - | - | ±20 | 216.0 | 1,492 | 940.0 | 109.0 | 34.0 | No | 150 |

| JMSH0606AU | PDFN3x3-8L | Active | N | 60 | 62 | 2.8 | 4.6 | 5.5 | - | - | - | - | ±20 | 216.0 | 1,492 | 940.0 | 109.0 | 34.0 | No | 156 |
|--------------|---------------|--------|-----|----|------|-----|------|------|------|------|---|---|-----|---------|-------|---------|-------|-------|-----|-----|
| JMSL0606AG | PDFN5x6-8L | Active | N | 60 | 97 | 1.8 | 4 | 5 | 5.2 | 6.5 | - | - | ±20 | 76.0 | 2,030 | 445.0 | 4.4 | 32.0 | No | 128 |
| JMSL0606AGD | PDFN5x6-8L-D | Active | N+N | 60 | 55 | 1.8 | 6.4 | 7.8 | 7.6 | 9.7 | - | - | ±20 | 76.0 | 2,030 | 445.0 | 4.4 | 32.0 | No | 205 |
| JMSL0606AU | PDFN3x3-8L | NRND | N | 60 | 52 | 1.5 | 5 | 6.2 | 6.6 | 8.3 | - | - | ±20 | 80.0 | 2,122 | 440.0 | 4.4 | 31.0 | No | 155 |
| JMSL0606AC | TO-220-3L | NRND | N | 60 | 115 | 1.8 | 5.2 | 6.3 | 7 | 8.8 | - | - | ±20 | 80.0 | 2,030 | 445.0 | 4.4 | 32.0 | No | 166 |
| JMSL0606AE | TO-263-3L | NRND | N | 60 | 115 | 1.8 | 5.2 | 6.3 | 7 | 8.8 | - | - | ±20 | 80.0 | 2,030 | 445.0 | 4.4 | 32.0 | No | 166 |
| JMSH0606PG | PDFN5x6-8L | Active | N | 60 | 114 | 2.9 | 4.5 | 5.8 | - | - | - | - | ±20 | 188.0 | 1,770 | 907.0 | 49.0 | 29.0 | No | 131 |
| JMSL0609PPD | SOP-8 | Active | N+N | 60 | 11.7 | 1.7 | 7.9 | 10.3 | 9.4 | 12.2 | - | - | ±20 | 74.0 | 1,178 | 513.0 | 34.0 | 21.0 | No | 166 |
| JMSL0606AP | SOP-8 | Active | N | 60 | 15.3 | 1.8 | 5.3 | 6.4 | 6.7 | 8.4 | - | - | ±20 | 80.0 | 2,030 | 445.0 | 4.4 | 32.0 | No | 170 |
| JMSL0606PG | PDFN5x6-8L | Active | N | 60 | 114 | 1.8 | 3.2 | 4.2 | 4.5 | 5.6 | - | - | ±20 | 182.0 | 2,405 | 1,178.0 | 50.0 | 39.0 | No | 125 |
| JMSL0606PU | PDFN3x3-8L | Active | N | 60 | 69 | 1.8 | 3.9 | 4.7 | 5.1 | 6.4 | - | - | ±20 | 182.0 | 2,410 | 1,178.0 | 44.0 | 39.0 | No | 152 |
| JMSL0609APD | SOP-8 | NRND | N+N | 60 | 10 | 1.7 | 7 | 9.2 | 9.5 | 12.5 | - | - | ±20 | 80.0 | 2,122 | 440.0 | 4.4 | 31.0 | No | 217 |
| JMSL0606AK | TO-252-3L | NRND | N | 60 | 90 | 1.7 | 4.6 | 5.8 | 6 | 7.5 | - | - | ±20 | 51.0 | 2,122 | 440.0 | 4.4 | 31.0 | No | 143 |
| JMSL0609AG | PDFN5x6-8L | NRND | N | 60 | 43 | 1.5 | 7.2 | 9.4 | 9 | 12.0 | - | - | ±20 | 34.0 | 1,087 | 309.0 | 8.5 | 16.6 | No | 120 |
| JMSL0609AK | TO-252-3L | NRND | N | 60 | 56 | 1.6 | 7.4 | 9.4 | 9.5 | 12.4 | - | - | ±20 | 74.0 | 1,110 | 352.0 | 12.0 | 18.3 | No | 135 |
| JMSL0609AU | PDFN3x3-8L | NRND | N | 60 | 39 | 1.5 | 7.5 | 9.4 | 9.4 | 12.2 | - | - | ±20 | 34.0 | 1,087 | 309.0 | 8.5 | 16.6 | No | 125 |
| JMSL0609AP | SOP-8 | NRND | N | 60 | 13.6 | 1.7 | 7.5 | 9.5 | 9.5 | 12.5 | - | - | ±20 | 34.0 | 1,083 | 349.0 | 8.5 | 17.2 | No | 129 |
| JMSL0610AGD | PDFN5x6-8L-D | Active | N+N | 60 | 35 | 1.5 | 8.5 | 10.6 | 10.2 | 13.0 | - | - | ±20 | 34.0 | 1,087 | 309.0 | 8.5 | 16.6 | No | 141 |
| JMSL0611PG | PDFN5x6-8L | Active | N | 60 | 69 | 1.8 | 9.1 | 11.8 | 12.3 | 16.0 | - | - | ±20 | 60.0 | 787 | 350.0 | 26.0 | 14.0 | No | 127 |
| JMSL0611PU | PDFN3x3-8L | Active | N | 60 | 34 | 1.7 | 9 | 11.7 | 12.2 | 15.8 | - | - | ±20 | 60.0 | 787 | 350.0 | 26.0 | 14.0 | No | 126 |
| JMSL0611PP | SOP-8 | Active | N | 60 | 10 | 1.8 | 9.1 | 11.8 | 12.3 | 16.0 | - | - | ±20 | 60.0 | 787 | 350.0 | 26.0 | 14.0 | No | 127 |
| JMSL0612AG | PDFN5x6-8L | NRND | N | 60 | 34 | 1.6 | 9.5 | 12 | 12 | 16.0 | - | - | ±20 | 20.0 | 731 | 224.0 | 7.4 | 13.9 | No | 132 |
| JMSL0612AU | PDFN3x3-8L | NRND | N | 60 | 38 | 1.6 | 10 | 12.5 | 12.3 | 16.0 | - | - | ±20 | 20.0 | 731 | 224.0 | 7.4 | 13.9 | No | 139 |
| JMSL0612AK | TO-252-3L | Active | N | 60 | 52 | 1.6 | 9.9 | 12 | 12.6 | 16.0 | - | - | ±20 | 20.0 | 731 | 224.0 | 7.4 | 13.9 | No | 138 |
| JMSL0612PG | PDFN5x6-8L | Active | N | 60 | 67 | 1.9 | 7.4 | 9.7 | 10.5 | 13.7 | - | - | ±20 | 74.0 | 1,110 | 443.0 | 34.0 | 19.0 | No | 141 |
| JMSL0613APD | SOP-8 | NRND | N+N | 60 | 10.2 | 1.7 | 10.5 | 13.5 | 12.5 | 16.5 | - | - | ±20 | 34.0 | 1,083 | 349.0 | 8.5 | 17.2 | No | 181 |
| JMSL0615AP | SOP-8 | NRND | N | 60 | 12.7 | 1.7 | 10 | 12.5 | 13 | 16.9 | - | - | ±20 | 20.0 | 731 | 224.0 | 7.4 | 13.9 | No | 139 |
| JMSL0615APD | SOP-8 | Active | N+N | 60 | 9.7 | 1.7 | 12 | 15 | 15 | 20.0 | - | - | ±20 | 20.0 | 731 | 224.0 | 7.4 | 13.9 | No | 167 |
| JMSL0615AGD | PDFN5x6-8L-D | Active | N+N | 60 | 31 | 1.6 | 10.5 | 13.5 | 13.5 | 17.5 | - | - | ±20 | 20.0 | 731 | 224.0 | 7.4 | 13.9 | No | 146 |
| JMSL0615AUD | PDFN3x3-8L-D | Active | N+N | 60 | 24 | 1.7 | 11 | 13.8 | 14 | 18.4 | - | - | ±20 | 26.0 | 731 | 224.0 | 7.4 | 13.9 | No | 153 |
| JMSL0615AV | DFN2020-6L | Active | N | 60 | 21 | 1.6 | 9.8 | 12.8 | 12.5 | 16.3 | - | - | ±20 | 20.0 | 731 | 224.0 | 7.4 | 13.9 | No | 136 |
| JMSL0620AGE | PDFN5x6-8L | Active | N | 60 | 31 | 1.8 | 16 | 20 | 23 | 30.0 | - | - | ±20 | 26.0 | 409 | 143.0 | 24.0 | 7.5 | Yes | 120 |
| JMSL0620AGDE | PDFN5x6-8L-D | Active | N+N | 60 | 23 | 1.8 | 18 | 23 | 25 | 33.0 | - | - | ±20 | 26.0 | 409 | 143.0 | 24.0 | 7.5 | Yes | 135 |
| JMSL0620AUE | PDFN3x3-8L | Active | N | 60 | 24 | 1.8 | 16 | 20 | 23 | 30.0 | - | - | ±20 | 26.0 | 409 | 143.0 | 24.0 | 7.5 | Yes | 120 |
| JMSL0630AG | PDFN5x6-8L | Active | N | 60 | 25 | 1.7 | 22 | 28 | 28 | 37.0 | - | - | ±20 | 13.5 | 288 | 92.0 | 22.0 | 5.8 | No | 128 |
| JMSL0630AGD | PDFN5x6-8L-D | Active | N+N | 60 | 19.3 | 1.7 | 22 | 28 | 28 | 37.0 | - | - | ±20 | 13.5 | 288 | 92.0 | 22.0 | 5.8 | No | 128 |
| JMSL0630AU | PDFN3x3-8L | Active | N | 60 | 19.8 | 1.7 | 22 | 27 | 30 | 38.0 | - | - | ±20 | 13.5 | 288 | 92.0 | 22.0 | 5.8 | No | 128 |
| JMSL0608PG | PDFN5x6-8L | Active | N | 60 | 79 | 1.7 | 6.2 | 8 | 8 | 10.4 | - | - | ±20 | 89.0 | 1,193 | 525.0 | 36.0 | 22.0 | No | 136 |
| JMSL0608PP | SOP-8 | Active | N | 60 | 14 | 1.7 | 7.9 | 10.3 | 9.4 | 12.2 | - | - | ±20 | 74.0 | 1,178 | 513.0 | 34.0 | 21.0 | No | 166 |
| JMSL0608PK | TO-252-3L | Active | N | 60 | 53 | 1.7 | 6.8 | 8.8 | 8.7 | 11.3 | - | - | ±20 | 74.0 | 1,178 | 513.0 | 34.0 | 21.0 | No | 143 |
| JMSL0608PU | PDFN3x3-8L | Active | N | 60 | 47 | 1.7 | 6.3 | 8.1 | 8.2 | 10.7 | - | - | ±20 | 74.0 | 1,178 | 513.0 | 34.0 | 21.0 | No | 132 |
| JMSH0704PC | TO-220-3L | Active | N | 70 | 171 | 3.1 | 3.5 | 4.6 | - | - | - | - | ±20 | 389.0 | 3,007 | 1,068.0 | 50.0 | 49.0 | No | 172 |
| JMSH0704PE | TO-263-3L | Active | N | 70 | 171 | 3 | 3.2 | 4.1 | - | - | - | - | ±20 | 389.0 | 3,007 | 1,068.0 | 50.0 | 49.0 | No | 157 |
| JMSH0702PE | TO-263-3L | Active | N | 70 | 230 | 3 | 1.8 | 2.5 | - | - | - | - | ±20 | 389.0 | 3,007 | 1,068.0 | 50.0 | 49.0 | No | 88 |
| JMSH0802ME | TO-263-3L | Active | N | 80 | 254 | 2.9 | 1.8 | 2.5 | - | - | - | - | ±20 | 1,423.0 | 8,740 | 1,760.0 | 26.0 | 128.0 | No | 230 |
| JMSH0802PTL | PowerJE@10x12 | Active | N | 80 | 229 | 2.9 | 1.3 | 1.8 | - | - | - | - | ±20 | 900.0 | 6,396 | 1,224.0 | 23.0 | 91.0 | No | 118 |

| | | | | | | | | | | | | | | | | | | | | |
|-------------|---------------|--------|---|-----|-----|-----|------|-----|-----|-----|---|---|-----|---------|--------|---------|------|-------|----|-----|
| JMSH0802MTL | PowerJE®10x12 | Active | N | 80 | 285 | 2.9 | 1.4 | 2 | - | - | - | - | ±20 | 1,423.0 | 8,740 | 1,760.0 | 26.0 | 128.0 | No | 179 |
| JMSH0803NGS | PDFN5x6-8L | Active | N | 80 | 153 | 3 | 3.2 | 3.9 | - | - | - | - | ±20 | 542.0 | 2,165 | 1,404.0 | 31.0 | 34.0 | No | 109 |
| JMSH0804NC | TO-220-3L | Active | N | 80 | 160 | 3 | 3.4 | 4.2 | - | - | - | - | ±20 | 434.0 | 4,083 | 1,313.0 | 42.0 | 62.0 | No | 211 |
| JMSH0803MC | TO-220-3L | Active | N | 80 | 162 | 3 | 3 | 4.2 | - | - | - | - | ±20 | 900.0 | 6,396 | 1,224.0 | 23.0 | 91.0 | No | 273 |
| JMSH0803ME | TO-263-3L | Active | N | 80 | 206 | 3 | 2.7 | 3.5 | - | - | - | - | ±20 | 900.0 | 6,396 | 1,224.0 | 23.0 | 91.0 | No | 246 |
| JMSH0803MG | PDFN5x6-8L | Active | N | 80 | 162 | 3.1 | 2.5 | 3.5 | - | - | - | - | ±20 | 900.0 | 6,396 | 1,224.0 | 23.0 | 91.0 | No | 228 |
| JMSL0803MG | PDFN5x6-8L | Active | N | 80 | 137 | 1.6 | 2.4 | 3.4 | - | - | - | - | ±20 | 662.0 | 4,871 | 1,318.0 | 25.0 | 76.0 | No | 182 |
| JMSH0804NE | TO-263-3L | Active | N | 80 | 160 | 3 | 3.2 | 4 | - | - | - | - | ±20 | 434.0 | 4,083 | 1,313.0 | 42.0 | 62.0 | No | 198 |
| JMSH0804NG | PDFN5x6-8L | Active | N | 80 | 137 | 3 | 3.1 | 3.9 | - | - | - | - | ±20 | 434.0 | 4,083 | 1,313.0 | 42.0 | 62.0 | No | 192 |
| JMSH0803AGS | PDFN5x6-8L | Active | N | 80 | 153 | 3 | 3.2 | 3.9 | - | - | - | - | ±20 | 542.0 | 2,165 | 1,404.0 | 31.0 | 34.0 | No | 109 |
| JMSH0804NK | TO-252-3L | Active | N | 80 | 112 | 3 | 3.3 | 4.1 | - | - | - | - | ±20 | 434.0 | 4,083 | 1,313.0 | 42.0 | 62.0 | No | 205 |
| JMSH0805PC | TO-220-3L | Active | N | 80 | 154 | 3 | 4.3 | 5.2 | - | - | - | - | ±20 | 338.0 | 3,365 | 1,264.0 | 46.0 | 56.0 | No | 241 |
| JMSH0805PE | TO-263-3L | Active | N | 80 | 154 | 3 | 4 | 4.8 | - | - | - | - | ±20 | 338.0 | 3,365 | 1,264.0 | 46.0 | 56.0 | No | 224 |
| JMSH0805PG | PDFN5x6-8L | Active | N | 80 | 129 | 3 | 3.4 | 4.1 | - | - | - | - | ±20 | 338.0 | 3,365 | 1,264.0 | 46.0 | 56.0 | No | 190 |
| JMSH0805PK | TO-252-3L | Active | N | 80 | 130 | 3 | 3.7 | 4.4 | - | - | - | - | ±20 | 338.0 | 3,365 | 1,264.0 | 46.0 | 56.0 | No | 207 |
| JMSH1001ATL | PowerJE®10x12 | NRND | N | 100 | 411 | 2.8 | 1.3 | 1.6 | - | - | - | - | ±20 | 1,250.0 | 9,623 | 2,091.0 | 32.0 | 155.0 | No | 202 |
| JMSH1001NC | TO-220-3L | Active | N | 100 | 353 | 3 | 1.9 | 2.2 | - | - | - | - | ±20 | 1,838.0 | 13,489 | 2,166.0 | 37.0 | 186.0 | NO | 353 |
| JMSH1001NE | TO-263-3L | Active | N | 100 | 353 | 3 | 1.6 | 1.9 | - | - | - | - | ±20 | 1,838.0 | 13,489 | 2,166.0 | 37.0 | 186.0 | NO | 298 |
| JMSH1001NTL | PowerJE®10x12 | Active | N | 100 | 471 | 3 | 1.3 | 1.6 | - | - | - | - | ±20 | 1,838.0 | 13,489 | 2,166.0 | 37.0 | 186.0 | NO | 242 |
| JMSH1001NS | TO-247-3L | Active | N | 100 | 308 | 3 | 1.9 | 2.2 | - | - | - | - | ±20 | 1,838.0 | 13,489 | 2,166.0 | 37.0 | 186.0 | NO | 353 |
| JMSH1001AE7 | TO-263-7L | NRND | N | 100 | 290 | 2.7 | 1.6 | 2 | - | - | - | - | ±20 | 984.0 | 9,623 | 2,091.0 | 32.0 | 155.0 | No | 248 |
| JMSH1001BTL | PowerJE®10x12 | NRND | N | 100 | 300 | 2.8 | 1.7 | 2 | - | - | - | - | ±20 | 1,250.0 | 7,011 | 1,512.0 | 4.7 | 102.0 | No | 173 |
| JMSH1002AC | TO-220-3L | NRND | N | 100 | 270 | 2.7 | 1.8 | 2.3 | - | - | - | - | ±20 | 720.0 | 9,623 | 2,091.0 | 32.0 | 155.0 | No | 279 |
| JMSH1002AE | TO-263-3L | NRND | N | 100 | 270 | 2.7 | 1.6 | 2 | - | - | - | - | ±20 | 720.0 | 9,623 | 2,091.0 | 32.0 | 155.0 | No | 248 |
| JMSH1002APS | TO-247PS-3L | NRND | N | 100 | 287 | 2.8 | 1.9 | 2.4 | - | - | - | - | ±20 | 794.0 | 9,674 | 2,257.0 | 32.0 | 155.0 | No | 295 |
| JMSH1002AS | TO-247-3L | NRND | N | 100 | 287 | 2.8 | 1.7 | 2 | - | - | - | - | ±20 | 126.0 | 9,623 | 2,091.0 | 32.0 | 155.0 | No | 264 |
| JMSH1002NS | TO-247-3L | Active | N | 100 | 274 | 2.8 | 3.2 | 4.2 | - | - | - | - | ±20 | 942.0 | 7,741 | 1,316.0 | 21.0 | 114.0 | No | 365 |
| JMSH1002BC | TO-220-3L | NRND | N | 100 | 258 | 2.7 | 2.3 | 2.8 | - | - | - | - | ±20 | 694.0 | 7,011 | 1,512.0 | 4.7 | 102.0 | No | 235 |
| JMSH1002BE | TO-263-3L | NRND | N | 100 | 258 | 2.7 | 2.1 | 2.6 | - | - | - | - | ±20 | 694.0 | 7,011 | 1,512.0 | 4.7 | 102.0 | No | 214 |
| JMSH1002PE | TO-263-3L | Active | N | 100 | 210 | 3 | 2 | 2.8 | - | - | - | - | ±20 | 1,272.0 | 8,773 | 1,551.0 | 31.0 | 130.0 | No | 260 |
| JMSH1006PC | TO-220-3L | Active | N | 100 | 116 | 3 | 6 | 7.8 | - | - | - | - | ±20 | 356.0 | 3,144 | 470.0 | 19.0 | 51.0 | No | 306 |
| JMSH1002TC | TO-220-3L | Active | N | 100 | 193 | 2.9 | 2.2 | 2.6 | - | - | - | - | ±20 | 1,536.0 | 10,093 | 1,559.0 | 67.0 | 160.0 | No | 352 |
| JMSH1002CC | TO-220-3L | NRND | N | 100 | 219 | 2.8 | 2.6 | 3.1 | - | - | - | - | ±20 | 558.0 | 5,740 | 1,193.0 | 7.6 | 83.0 | No | 216 |
| JMSH1002CE | TO-263-3L | NRND | N | 100 | 219 | 2.8 | 2.4 | 2.9 | - | - | - | - | ±20 | 558.0 | 5,740 | 1,193.0 | 7.6 | 83.0 | No | 199 |
| JMSH1002CTL | PowerJE®10x12 | NRND | N | 100 | 295 | 2.8 | 1.9 | 2.4 | - | - | - | - | ±20 | 1,250.0 | 5,740 | 1,193.0 | 7.6 | 83.0 | No | 158 |
| JMSH1006PG | PDFN5x6-8L | Active | N | 100 | 76 | 3 | 5 | 6.4 | - | - | - | - | ±20 | 356.0 | 3,144 | 470.0 | 19.0 | 51.0 | No | 255 |
| JMSH1018PG | PDFN5x6-8L | Active | N | 100 | 55 | 3.1 | 15.7 | 19 | - | - | - | - | ±20 | 25.0 | 913 | 323.0 | 18.0 | 15.0 | No | 236 |
| JMSH1003AG | PDFN5x6-8L | NRND | N | 100 | 144 | 2.7 | 2.8 | 3.5 | - | - | - | - | ±20 | 238.0 | 4,374 | 1,140.0 | 4.7 | 70.0 | No | 196 |
| JMSH1003ATL | PowerJE®10x12 | NRND | N | 100 | 228 | 2.8 | 2.7 | 3.4 | - | - | - | - | ±20 | 512.0 | 4,398 | 1,361.0 | 8.5 | 66.0 | No | 178 |
| JMSH1003CC | TO-220-3L | NRND | N | 100 | 197 | 2.8 | 2.9 | 3.6 | - | - | - | - | ±20 | 558.0 | 5,740 | 1,193.0 | 7.6 | 83.0 | No | 241 |
| JMSH1004AC | TO-220-3L | NRND | N | 100 | 190 | 2.7 | 3 | 3.6 | - | - | - | - | ±20 | 245.0 | 4,398 | 1,361.0 | 8.5 | 66.0 | No | 198 |
| JMSH1004AE | TO-263-3L | NRND | N | 100 | 190 | 2.7 | 3 | 3.6 | - | - | - | - | ±20 | 245.0 | 4,398 | 1,361.0 | 8.5 | 66.0 | No | 198 |
| JMSL1004BG | PDFN5x6-8L | NRND | N | 100 | 117 | 1.7 | 3.4 | 4.1 | 4.3 | 5.2 | - | - | ±20 | 205.0 | 3,709 | 873.0 | 6.7 | 62.0 | No | 211 |
| JMSH1004BG | PDFN5x6-8L | NRND | N | 100 | 112 | 2.7 | 3.3 | 4.3 | - | - | - | - | ±20 | 231.0 | 3,434 | 906.0 | 14.0 | 57.0 | No | 188 |
| JMSH1004BC | TO-220-3L | NRND | N | 100 | 134 | 2.7 | 3.7 | 4.5 | - | - | - | - | ±20 | 304.0 | 3,433 | 905.0 | 13.0 | 57.0 | No | 211 |
| JMSH1004BE | TO-263-3L | NRND | N | 100 | 134 | 2.7 | 3.7 | 4.5 | - | - | - | - | ±20 | 304.0 | 3,433 | 905.0 | 13.0 | 57.0 | No | 211 |

| | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------|--------|-----|-----|-----|-----|------|------|------|-------|---|---|-----|-------|-------|---------|------|------|----|-----|
| JMSH1004RG | PDFN5×6-8L | Active | N | 100 | 117 | 3 | 4.6 | 5.9 | - | - | - | - | ±20 | 497.0 | 4,641 | 612.0 | 17.0 | 67.0 | No | 308 |
| JMSH1005AC | TO-220-3L | NRND | N | 100 | 128 | 2.7 | 4.4 | 5.3 | - | - | - | - | ±20 | 265.0 | 2,816 | 614.0 | 7.4 | 42.0 | No | 185 |
| JMSL1005AG | PDFN5x6-8L | NRND | N | 100 | 108 | 1.9 | 4.2 | 5.3 | 5.3 | 6.9 | - | - | ±20 | 146.0 | 2,896 | 631.0 | 7.8 | 48.0 | No | 202 |
| JMSH1005AE | TO-263-3L | NRND | N | 100 | 128 | 2.7 | 4.4 | 5.3 | - | - | - | - | ±20 | 265.0 | 2,816 | 614.0 | 7.4 | 42.0 | No | 185 |
| JMSL1005PC | TO-220-3L | Active | N | 100 | 131 | 1.7 | 4.4 | 5.7 | - | - | - | - | ±20 | 389.0 | 4,524 | 1,489.0 | 45.0 | 74.0 | No | 326 |
| JMSL1006AG | PDFN5x6-8L | NRND | N | 100 | 108 | 1.9 | 4.7 | 5.9 | 5.9 | 7.7 | - | - | ±20 | 110.0 | 2,604 | 567.0 | 9.6 | 42.0 | No | 197 |
| JMSH1006AG | PDFN5x6-8L | NRND | N | 100 | 102 | 2.7 | 5.3 | 6.6 | - | - | - | - | ±20 | 110.0 | 2,369 | 545.0 | 11.6 | 38.0 | No | 201 |
| JMSL1006AK | TO-252-3L | Active | N | 100 | 99 | 1.7 | 5.4 | 6.6 | 6.6 | 8.0 | - | - | ±20 | 125.0 | 2,604 | 567.0 | 9.6 | 42.0 | No | 227 |
| JMSH1006AC | TO-220-3L | NRND | N | 100 | 114 | 2.7 | 5.2 | 6.4 | - | - | - | - | ±20 | 130.0 | 2,369 | 545.0 | 11.6 | 38.0 | No | 198 |
| JMSH1006AE | TO-263-3L | NRND | N | 100 | 114 | 2.7 | 5.2 | 6.4 | - | - | - | - | ±20 | 130.0 | 2,369 | 545.0 | 11.6 | 38.0 | No | 198 |
| JMSH1006AK | TO-252-3L | NRND | N | 100 | 90 | 2.7 | 5.5 | 6.6 | - | - | - | - | ±20 | 154.0 | 2,369 | 545.0 | 11.6 | 38.0 | No | 209 |
| JMSH1006PK | TO-252-3L | Active | N | 100 | 61 | 3.5 | 5.9 | 7.6 | - | - | - | - | ±20 | 356.0 | 3,144 | 470.0 | 19.0 | 51.0 | No | 301 |
| JMSH1008AG | PDFN5x6-8L | NRND | N | 100 | 92 | 2.8 | 6.2 | 7.8 | - | - | - | - | ±20 | 101.0 | 1,920 | 445.0 | 7.0 | 30.0 | No | 186 |
| JMSH1008AC | TO-220-3L | NRND | N | 100 | 112 | 2.8 | 6.8 | 8 | - | - | - | - | ±20 | 101.0 | 1,920 | 445.0 | 7.0 | 30.0 | No | 204 |
| JMSL1008AG | PDFN5x6-8L | NRND | N | 100 | 93 | 1.7 | 6 | 7.6 | 8 | 10.0 | - | - | ±20 | 101.0 | 2,200 | 445.0 | 8.0 | 34.0 | No | 204 |
| JMSL1008AC | TO-220-3L | NRND | N | 100 | 114 | 1.8 | 6.5 | 7.8 | 8.1 | 10.2 | - | - | ±20 | 88.0 | 2,360 | 368.0 | 5.9 | 34.0 | No | 221 |
| JMSL1008AE | TO-263-3L | NRND | N | 100 | 114 | 1.8 | 6.5 | 7.8 | - | - | - | - | ±20 | 88.0 | 2,360 | 368.0 | 5.9 | 34.0 | No | 221 |
| JMSL1008AP | SOP-8 | NRND | N | 100 | 12 | 1.8 | 7.4 | 8.9 | 9.2 | 11.5 | - | - | ±20 | 101.0 | 2,360 | 368.0 | 5.9 | 34.0 | No | 252 |
| JMSH1008AE | TO-263-3L | NRND | N | 100 | 112 | 2.8 | 6.8 | 8 | - | - | - | - | ±20 | 101.0 | 1,920 | 445.0 | 7.0 | 30.0 | No | 204 |
| JMSL1008AK | TO-252-3L | NRND | N | 100 | 82 | 1.7 | 6.7 | 8.1 | 8.5 | 11.0 | - | - | ±20 | 101.0 | 2,200 | 445.0 | 8.0 | 34.0 | No | 228 |
| JMSL1008AUN | DFN3333-8L | NRND | N | 100 | 36 | 1.8 | 7.4 | 9.3 | 9.1 | 11.8 | - | - | ±20 | 122.0 | 2,200 | 445.0 | 8.0 | 34.0 | No | 252 |
| JMSL1009AG | PDFN5x6-8L | NRND | N | 100 | 77 | 1.7 | 7 | 8.2 | 8.9 | 11.2 | - | - | ±20 | 86.0 | 1,314 | 548.0 | 26.0 | 25.0 | No | 175 |
| JMSL1009AK | TO-252-3L | NRND | N | 100 | 78 | 1.7 | 7.8 | 9.4 | 9.9 | 12.9 | - | - | ±20 | 86.0 | 1,314 | 548.0 | 26.0 | 25.0 | No | 195 |
| JMSL1009AU | PDFN3x3-8L | NRND | N | 100 | 67 | 1.7 | 7.6 | 8.8 | 9.7 | 11.8 | - | - | ±20 | 86.0 | 1,314 | 548.0 | 26.0 | 25.0 | No | 190 |
| JMSL1010PU | PDFN3x3-8L | Active | N | 100 | 43 | 1.6 | 7.2 | 9 | - | - | - | - | ±20 | 90.0 | 1,872 | 731.0 | 22.0 | 33.0 | No | 238 |
| JMSL1009PG | PDFN5x6-8L | Active | N | 100 | 83 | 2 | 5.3 | 6.4 | 7.4 | 8.9 | - | - | ±20 | 216.0 | 2,420 | 900.0 | 35.0 | 43.0 | No | 228 |
| JMSL1009PP | SOP-8 | Active | N | 100 | 12 | 1.6 | 7.6 | 10 | 9.2 | 12.0 | - | - | ±20 | 212.0 | 2,657 | 823.0 | 22.0 | 44.0 | No | 334 |
| JMSL1009PK | TO-252-3L | NRND | N | 100 | 88 | 1.7 | 5.8 | 6.9 | 7.6 | 9.9 | - | - | ±20 | 238.0 | 2,615 | 806.0 | 22.0 | 44.0 | No | 255 |
| JMSL1010AG | PDFN5x6-8L | NRND | N | 100 | 58 | 1.9 | 8 | 10 | 10.5 | 13.7 | - | - | ±20 | 94.0 | 1,535 | 335.0 | 8.2 | 26.0 | No | 208 |
| JMSL1010PE | TO-263-3L | Active | N | 100 | 112 | 1.6 | 6.3 | 7.6 | 8 | 9.6 | - | - | ±20 | 96.0 | 1,872 | 731.0 | 22.0 | 33.0 | No | 208 |
| JMSL1010AU | PDFN3x3-8L | NRND | N | 100 | 38 | 1.9 | 9.6 | 12 | 12 | 15.6 | - | - | ±20 | 45.0 | 1,535 | 335.0 | 8.2 | 26.0 | No | 250 |
| JMSH1010AK | TO-252-3L | NRND | N | 100 | 64 | 2.7 | 9.2 | 11.5 | - | - | - | - | ±20 | 86.0 | 1,372 | 291.0 | 6.2 | 21.0 | No | 193 |
| JMSH1010AC | TO-220-3L | NRND | N | 100 | 65 | 2.7 | 9.4 | 11.8 | - | - | - | - | ±20 | 68.0 | 1,372 | 291.0 | 6.2 | 21.0 | No | 197 |
| JMSH1010AE | TO-263-3L | NRND | N | 100 | 65 | 2.7 | 9.4 | 11.8 | - | - | - | - | ±20 | 68.0 | 1,372 | 291.0 | 6.2 | 21.0 | No | 197 |
| JMSL1010AK | TO-252-3L | NRND | N | 100 | 70 | 1.9 | 8.3 | 10 | 10.8 | 13.5 | - | - | ±20 | 48.0 | 1,535 | 335.0 | 8.2 | 26.0 | No | 216 |
| JMSH1010AG | PDFN5x6-8L | NRND | N | 100 | 63 | 2.7 | 8.8 | 11 | - | - | - | - | ±20 | 86.0 | 1,372 | 291.0 | 6.2 | 21.0 | No | 185 |
| JMSH1010PG | PDFN5×6-8L | Active | N | 100 | 75 | 2.9 | 7.3 | 9.5 | - | - | - | - | ±20 | 165.0 | 1,532 | 643.0 | 21.0 | 27.0 | No | 197 |
| JMSH1010PU | PDFN3×3-8L | Active | N | 100 | 40 | 2.8 | 7.7 | 10 | - | - | - | - | ±20 | 165.0 | 1,532 | 643.0 | 21.0 | 27.0 | No | 208 |
| JMSL1010PP | SOP-8 | Active | N | 100 | 11 | 1.6 | 8.6 | 11.2 | 10 | 13.1 | - | - | ±20 | 89.0 | 1,872 | 731.0 | 22.0 | 33.0 | No | 284 |
| JMSL10A13G | PDFN5x6-8L | Active | N | 100 | 19 | 1.6 | 63 | 82 | 83 | 113.0 | - | - | ±20 | 9.0 | 197 | 81.0 | 8.0 | 4.3 | No | 271 |
| JMSH1010PC | TO-220-3L | Active | N | 100 | 75 | 2.9 | 7.9 | 10.3 | - | - | - | - | ±20 | 165.0 | 1,532 | 643.0 | 21.0 | 27.0 | No | 213 |
| JMSL1010AC | TO-220-3L | NRND | N | 100 | 72 | 1.9 | 7.9 | 10 | 10.4 | 13.6 | - | - | ±20 | 94.0 | 1,535 | 335.0 | 8.2 | 26.0 | No | 205 |
| JMSL1010AP | SOP-8 | NRND | N | 100 | 11 | 1.8 | 9.2 | 11.1 | 11.8 | 14.8 | - | - | ±20 | 51.0 | 1,535 | 335.0 | 8.2 | 26.0 | No | 239 |
| JMSL1010PG | PDFN5x6-8L | Active | N | 100 | 74 | 2 | 6.4 | 7.7 | 9.2 | 11.0 | - | - | ±20 | 96.0 | 1,959 | 731.0 | 30.0 | 36.0 | No | 230 |
| JMSL1013AGD | PDFN5x6-8L-D | NRND | N+N | 100 | 48 | 1.7 | 10.4 | 13 | 12.9 | 16.8 | - | - | ±20 | 68.0 | 1,535 | 335.0 | 8.2 | 26.0 | No | 270 |
| JMSH1018AG | PDFN5x6-8L | NRND | N | 100 | 33 | 3.2 | 15.8 | 19.8 | - | - | - | - | ±20 | 39.0 | 769 | 171.0 | 5.1 | 12.7 | No | 201 |

| | | | | | | | | | | | | | | | | | | | | |
|--------------|--------------|--------|-----|-----|------|-----|------|------|------|-------|---|---|-----|-------|-------|---------|------|-------|----|-----|
| JMSH1018AC | TO-220-3L | NRND | N | 100 | 63 | 3.2 | 15.5 | 19.5 | 15.8 | 19.8 | - | - | ±20 | 39.0 | 769 | 171.0 | 5.1 | 12.7 | No | 197 |
| JMSH1018AE | TO-263-3L | NRND | N | 100 | 63 | 3.2 | 15.5 | 19.5 | 15.8 | 19.8 | - | - | ±20 | 39.0 | 769 | 171.0 | 5.1 | 12.7 | No | 197 |
| JMSL1018AG | PDFN5x6-8L | NRND | N | 100 | 35 | 1.9 | 14.5 | 18.2 | 18.7 | 24.4 | - | - | ±20 | 29.0 | 769 | 171.0 | 5.1 | 13.0 | No | 189 |
| JMSH1018PP | SOP-8 | Active | N | 100 | 8 | 2.9 | 16 | 21 | - | - | - | - | ±20 | 49.0 | 913 | 323.0 | 18.0 | 15.0 | No | 240 |
| JMSH1008PG | PDFN5x6-8L | NRND | N | 100 | 80 | 3 | 6.5 | 8 | - | - | - | - | ±20 | 726.0 | 1,995 | 777.0 | 19.0 | 32.0 | No | 208 |
| JMSL1018AGD | PDFN5x6-8L-D | NRND | N+N | 100 | 31 | 2 | 17 | 21 | 22 | 29.0 | - | - | ±20 | 29.0 | 769 | 171.0 | 5.1 | 12.7 | No | 216 |
| JMSL1018AK | TO-252-3L | NRND | N | 100 | 40 | 1.9 | 14 | 17 | 18.5 | 23.0 | - | - | ±20 | 24.0 | 769 | 171.0 | 5.1 | 12.7 | No | 178 |
| JMSL1018AP | SOP-8 | NRND | N | 100 | 8.1 | 1.9 | 15.8 | 19.8 | 19 | 25.0 | - | - | ±20 | 24.0 | 769 | 171.0 | 5.1 | 12.7 | No | 201 |
| JMSL1023AY | SOT-223-3L | Active | N | 100 | 19.4 | 1.9 | 19 | 23.8 | 23.3 | 31.0 | - | - | ±20 | 50.0 | 769 | 171.0 | 5.1 | 12.7 | No | 241 |
| JMSL1040AG | PDFN5x6-8L | Active | N | 100 | 18.9 | 2 | 29 | 36 | 39 | 50.0 | - | - | ±20 | 11.3 | 363 | 85.0 | 3.0 | 6.8 | No | 197 |
| JMSL1018PG | PDFN5x6-8L | Active | N | 100 | 54 | 1.8 | 12.8 | 16.7 | 18.2 | 23.6 | - | - | ±20 | 74.0 | 969 | 329.0 | 19.0 | 18.0 | No | 230 |
| JMSL1018PK | TO-252-3L | Active | N | 100 | 50 | 1.7 | 13.4 | 17.4 | 18.6 | 24.1 | - | - | ±20 | 74.0 | 992 | 330.0 | 19.2 | 19.0 | No | 255 |
| JMSL1004RG | PDFN5x6-8L | Active | N | 100 | 98 | 1.6 | 4.1 | 5.4 | - | - | - | - | ±20 | 373.0 | 5,082 | 630.0 | 17.4 | 80.0 | No | 328 |
| JMSL1040AV | DFN2020-6L | Active | N | 100 | 4.7 | 1.9 | 29 | 36 | - | - | - | - | ±20 | 20.0 | 363 | 85.0 | 3.0 | 6.8 | No | 197 |
| JMSL1040AU | PDFN3x3-8L | Active | N | 100 | 18 | 2 | 29 | 36 | 38 | 50.0 | - | - | ±20 | 11.0 | 363 | 85.0 | 3.0 | 6.8 | No | 197 |
| JMSL1040AGD | PDFN5x6-8L-D | Active | N+N | 100 | 18.4 | 2 | 28 | 36 | 40 | 52.0 | - | - | ±20 | 11.3 | 363 | 85.0 | 3.0 | 6.8 | No | 190 |
| JMSL1040AUD | PDFN3x3-8L-D | Active | N+N | 100 | 17 | 2 | 31 | 39 | 39 | 51.0 | - | - | ±20 | 11.0 | 363 | 85.0 | 3.0 | 6.8 | No | 211 |
| JMSL1040AY | SOT-223-3L | Active | N | 100 | 13 | 2 | 30 | 39 | 38 | 50.0 | - | - | ±20 | 21.0 | 363 | 85.0 | 3.0 | 6.8 | No | 204 |
| JMSL1040AC | TO-220-3L | Active | N | 100 | 26 | 1.9 | 30 | 36 | 38 | 48.0 | - | - | ±20 | 10.0 | 363 | 85.0 | 3.0 | 6.8 | No | 204 |
| JMSH1002YC | TO-220-3L | Active | N | 100 | 175 | 3.2 | 3.3 | 4 | - | - | - | - | ±20 | 600.0 | 7,168 | 1,067.0 | 36.0 | 104.0 | No | 343 |
| JMSH1002YE | TO-263-3L | Active | N | 100 | 175 | 3.2 | 3.1 | 3.7 | - | - | - | - | ±20 | 600.0 | 7,168 | 1,067.0 | 36.0 | 104.0 | No | 322 |
| JMSH1008PC | TO-220-3L | Active | N | 100 | 113 | 3 | 6.3 | 8 | - | - | - | - | ±20 | 216.0 | 1,998 | 777.0 | 20.0 | 32.0 | No | 202 |
| JMSH1008PE | TO-263-3L | Active | N | 100 | 113 | 3 | 6.1 | 8 | - | - | - | - | ±20 | 216.0 | 1,998 | 777.0 | 20.0 | 32.0 | No | 195 |
| JMSH1018PC | TO-220-3L | Active | N | 100 | 54 | 3.1 | 15.6 | 19 | - | - | - | - | ±20 | 25.0 | 913 | 323.0 | 18.0 | 15.0 | No | 234 |
| JMSH1018PE | TO-263-3L | Active | N | 100 | 54 | 3.1 | 15.4 | 19 | - | - | - | - | ±20 | 25.0 | 913 | 323.0 | 18.0 | 15.0 | No | 231 |
| JMSH1003TC | TO-220-3L | Active | N | 100 | 138 | 3.2 | 3.2 | 4.2 | - | - | - | - | ±20 | 794.0 | 5,972 | 1,181.0 | 43.0 | 95.0 | No | 304 |
| JMSH1003TE | TO-263-3L | Active | N | 100 | 138 | 3.2 | 3 | 4.2 | - | - | - | - | ±20 | 794.0 | 5,972 | 1,181.0 | 43.0 | 95.0 | No | 285 |
| JMSL1040AK | TO-252-3L | Active | N | 100 | 24 | 2 | 32 | 39 | 43 | 54.0 | - | - | ±20 | 10.0 | 363 | 85.0 | 3.0 | 6.8 | No | 218 |
| JMSH1018PK | TO-252-3L | Active | N | 100 | 40 | 3.1 | 15.7 | 19 | - | - | - | - | ±20 | 25.0 | 913 | 323.0 | 18.0 | 15.0 | No | 236 |
| JMSL1010PK | TO-252-3L | Active | N | 100 | 80 | 1.6 | 6.4 | 8.4 | 8.1 | 10.5 | - | - | ±20 | 92.0 | 1,872 | 731.0 | 22.0 | 33.0 | No | 211 |
| JMSL1040APD | SOP-8 | Active | N+N | 100 | 12.3 | 2 | 31 | 40 | 40 | 52.0 | - | - | ±20 | 11.3 | 363 | 85.0 | 3.0 | 6.8 | No | 211 |
| JMSL1070AK | TO-252-3L | Active | N | 100 | 18.1 | 2 | 57 | 70 | 70 | 91.0 | - | - | ±20 | 1.0 | 187 | 54.0 | 5.0 | 3.9 | No | 222 |
| JMSL1070AY | SOT-223-3L | Active | N | 100 | 8.4 | 2 | 54 | 70 | 75 | 98.0 | - | - | ±20 | 1.0 | 187 | 54.0 | 5.0 | 3.9 | No | 211 |
| JMSL1070APD | SOP-8 | Active | N | 100 | 5.5 | 1.8 | 57 | 70 | 71 | 92.0 | - | - | ±20 | 1.0 | 187 | 54.0 | 5.0 | 3.9 | No | 222 |
| JMSL10130AK | TO-252-3L | Active | N | 100 | 9 | 1.7 | 115 | 138 | 144 | 180.0 | - | - | ±20 | 4.9 | 96 | 32.0 | 2.9 | 2.5 | No | 288 |
| JMSL10130AM | SOT-23-6L | Active | N | 100 | 2.1 | 1.9 | 105 | 126 | 135 | 169.0 | - | - | ±20 | 0.9 | 103 | 47.0 | 4.9 | 2.3 | No | 242 |
| JMSL10130AL | SOT-23 | Active | N | 100 | 1.8 | 1.9 | 105 | 131 | 139 | 174.0 | - | - | ±20 | 0.8 | 103 | 47.0 | 4.9 | 2.3 | No | 242 |
| JMSL10130AP | SOP-8 | Active | N | 100 | 2.4 | 1.7 | 107 | 134 | 140 | 175.0 | - | - | ±20 | 0.9 | 103 | 47.0 | 4.9 | 2.6 | No | 278 |
| JMSL10130AY | SOT-223-3L | Active | N | 100 | 5.9 | 1.9 | 110 | 138 | 137 | 180.0 | - | - | ±20 | 0.9 | 103 | 47.0 | 4.9 | 2.3 | No | 253 |
| JMSL10130AGD | PDFN5x6-8L-D | Active | N+N | 100 | 10 | 1.7 | 99 | 124 | 120 | 156.0 | - | - | ±20 | 0.9 | 103 | 47.0 | 4.9 | 2.3 | No | 228 |
| JMSL10130APD | SOP-8 | Active | N+N | 100 | 2.4 | 1.7 | 111 | 139 | 155 | 195.0 | - | - | ±20 | 0.9 | 103 | 47.0 | 4.9 | 2.5 | No | 278 |
| JMSL10130AUD | PDFN3x3-8L-D | Active | N+N | 100 | 10.1 | 1.7 | 100 | 125 | 123 | 160.0 | - | - | ±20 | 0.9 | 103 | 47.0 | 4.9 | 2.6 | No | 260 |
| JMSL10380Y | SOT-223-3L | Active | N | 100 | 6 | 1.8 | 26 | 34 | 33 | 43.0 | - | - | ±20 | 36.0 | 513 | 182.0 | 12.0 | 10.0 | No | 260 |
| JMSL10380P | SOP-8 | Active | N | 100 | 6 | 1.8 | 25 | 33 | 33 | 43.0 | - | - | ±20 | 36.0 | 513 | 182.0 | 12.0 | 10.0 | No | 250 |
| JMSL10380G | PDFN5x6-8L | Active | N | 100 | 35 | 1.8 | 24 | 31 | 31 | 40.0 | - | - | ±20 | 36.0 | 513 | 182.0 | 12.0 | 10.0 | No | 240 |
| JMSL1040AE | TO-263-3L | Active | N | 100 | 26 | 1.9 | 30 | 36 | 38 | 48.0 | - | - | ±20 | 10.0 | 363 | 85.0 | 3.0 | 6.8 | No | 204 |

| | | | | | | | | | | | | | | | | | | | | |
|-------------|---------------|--------|---|-----|------|-----|------|------|---|---|---|---|-----|---------|-------|-------|------|-------|----|-----|
| JMSH1507AC | TO-220-3L | NRND | N | 150 | 132 | 3.2 | 5.2 | 6.5 | - | - | - | - | ±20 | 540.0 | 4,320 | 535.0 | 7.2 | 68.0 | No | 354 |
| JMSH1507AE | TO-263-3L | NRND | N | 150 | 132 | 3.2 | 5.2 | 6.5 | - | - | - | - | ±20 | 540.0 | 4,320 | 535.0 | 7.2 | 68.0 | No | 354 |
| JMSH1506AE7 | TO-263-7L | Active | N | 150 | 181 | 3.2 | 4.9 | 6 | - | - | - | - | ±20 | 540.0 | 4,320 | 535.0 | 7.2 | 68.0 | No | 333 |
| JMSH1506AS | TO-247-3L | Active | N | 150 | 157 | 3.2 | 5.2 | 6.2 | - | - | - | - | ±20 | 540.0 | 4,320 | 535.0 | 7.2 | 68.0 | No | 354 |
| JMSH1507PC | TO-220-3L | NRND | N | 150 | 133 | 3.2 | 5.2 | 6.2 | - | - | - | - | ±20 | 864.0 | 5,800 | 557.0 | 16.8 | 83.0 | No | 432 |
| JMSH1507PE | TO-263-3L | NRND | N | 150 | 133 | 3.2 | 5 | 6 | - | - | - | - | ±20 | 864.0 | 5,800 | 557.0 | 16.8 | 83.0 | No | 415 |
| JMSH1507PS | TO-247-3L | Active | N | 150 | 177 | 3.1 | 5.5 | 7.2 | - | - | - | - | ±20 | 850.0 | 5,800 | 557.0 | 17.0 | 83.0 | No | 457 |
| JMSH1508AC | TO-220-3L | NRND | N | 150 | 98 | 3.2 | 7.1 | 8.8 | - | - | - | - | ±20 | 265.0 | 3,395 | 457.0 | 17.4 | 47.0 | No | 334 |
| JMSH1508AE | TO-263-3L | NRND | N | 150 | 98 | 3.2 | 6.7 | 8.4 | - | - | - | - | ±20 | 265.0 | 3,395 | 457.0 | 17.4 | 47.0 | No | 315 |
| JMSH1509AG | PDFN5x6-8L | NRND | N | 150 | 75 | 3 | 8.5 | 9.9 | - | - | - | - | ±20 | 231.0 | 2,181 | 363.0 | 7.9 | 30.0 | No | 255 |
| JMSH1509AE | TO-263-3L | NRND | N | 150 | 90 | 3.2 | 9 | 10.9 | - | - | - | - | ±20 | 211.0 | 2,181 | 363.0 | 7.9 | 30.0 | No | 270 |
| JMSH1509AC | TO-220-3L | NRND | N | 150 | 90 | 3.2 | 9 | 10.9 | - | - | - | - | ±20 | 211.0 | 2,181 | 363.0 | 7.9 | 30.0 | No | 270 |
| JMSH1509PC | TO-220-3L | Active | N | 150 | 84 | 3.2 | 8.1 | 10.6 | - | - | - | - | ±20 | 536.0 | 3,569 | 323.0 | 14.0 | 53.0 | No | 429 |
| JMSH1509PE | TO-263-3L | Active | N | 150 | 84 | 3.1 | 8.1 | 10.5 | - | - | - | - | ±20 | 536.0 | 3,569 | 323.0 | 14.0 | 53.0 | No | 429 |
| JMSH1511AE | TO-263-3L | NRND | N | 150 | 78 | 3.2 | 11.5 | 13.9 | - | - | - | - | ±20 | 194.0 | 2,890 | 280.0 | 3.9 | 38.0 | No | 437 |
| JMSH1511AC | TO-220-3L | NRND | N | 150 | 78 | 3.2 | 11.5 | 13.9 | - | - | - | - | ±20 | 194.0 | 2,890 | 280.0 | 3.9 | 38.0 | No | 437 |
| JMSH1510AG | PDFN5x6-8L | NRND | N | 150 | 77 | 3.2 | 9.5 | 10.9 | - | - | - | - | ±20 | 434.0 | 1,246 | 339.0 | 9.7 | 19.2 | No | 182 |
| JMSH1513AG | PDFN5x6-8L | Active | N | 150 | 60 | 3.2 | 10.5 | 13 | - | - | - | - | ±20 | 217.0 | 2,128 | 274.0 | 9.0 | 30.0 | No | 315 |
| JMSH1513AC | TO-220-3L | Active | N | 150 | 69 | 3.2 | 10.8 | 13.7 | - | - | - | - | ±20 | 173.0 | 2,128 | 274.0 | 9.0 | 30.0 | No | 324 |
| JMSH1513AE | TO-263-3L | Active | N | 150 | 69 | 3.2 | 10.6 | 13.3 | - | - | - | - | ±20 | 173.0 | 2,128 | 274.0 | 9.0 | 30.0 | No | 318 |
| JMSH1513BG | PDFN5x6-8L | NRND | N | 150 | 70 | 3.2 | 10.5 | 12.6 | - | - | - | - | ±20 | 434.0 | 1,295 | 344.0 | 9.0 | 19.5 | No | 205 |
| JMSH1516AG | PDFN5x6-8L | Active | N | 150 | 51 | 3.2 | 14.2 | 16.8 | - | - | - | - | ±20 | 135.0 | 1,603 | 196.0 | 7.5 | 23.0 | No | 327 |
| JMSH1516AC | TO-220-3L | Active | N | 150 | 61 | 3.2 | 14.5 | 16.9 | - | - | - | - | ±20 | 135.0 | 1,603 | 196.0 | 7.5 | 23.0 | No | 334 |
| JMSH1516AE | TO-263-3L | Active | N | 150 | 61 | 3.2 | 14.5 | 16.9 | - | - | - | - | ±20 | 135.0 | 1,603 | 196.0 | 7.5 | 23.0 | No | 334 |
| JMSH1552AG | PDFN5x6-8L | Active | N | 150 | 20 | 3.2 | 43 | 52 | - | - | - | - | ±20 | 13.0 | 540 | 69.0 | 4.1 | 7.6 | No | 327 |
| JMSH1552AU | PDFN3x3-8L | Active | N | 150 | 15 | 3.2 | 45 | 52 | - | - | - | - | ±20 | 13.0 | 540 | 69.0 | 4.1 | 7.6 | No | 342 |
| JMSH1552AK | TO-252-3L | Active | N | 150 | 20 | 3.2 | 43 | 52 | - | - | - | - | ±20 | 13.0 | 540 | 69.0 | 4.1 | 7.6 | No | 327 |
| JMSH1552AP | SOP-8 | Active | N | 150 | 4.6 | 3.2 | 43 | 52 | - | - | - | - | ±20 | 13.0 | 540 | 69.0 | 4.1 | 7.3 | No | 314 |
| JMSH1565AGS | PDFN5x6-8L | Active | N | 150 | 18 | 3.2 | 52 | 65 | - | - | - | - | ±20 | 20.0 | 306 | 70.0 | 3.8 | 5.3 | No | 276 |
| JMSH1565AUS | PDFN3x3-8L | Active | N | 150 | 14 | 3.2 | 54 | 65 | - | - | - | - | ±20 | 20.0 | 306 | 70.0 | 3.8 | 5.3 | No | 286 |
| JMSH1565AKS | TO-252-3L | Active | N | 150 | 18 | 3.2 | 52 | 65 | - | - | - | - | ±20 | 16.0 | 306 | 70.0 | 3.8 | 5.3 | No | 276 |
| JMSH1565APS | SOP-8 | Active | N | 150 | 4.1 | 3.2 | 52 | 65 | - | - | - | - | ±20 | 16.0 | 306 | 70.0 | 3.8 | 5.3 | No | 276 |
| JMSH1535AG | PDFN5x6-8L | Active | N | 150 | 28 | 3.3 | 27 | 35 | - | - | - | - | ±20 | 48.0 | 760 | 113.0 | 23.0 | 12.3 | No | 332 |
| JMSH1566AG | PDFN5x6-8L | Active | N | 150 | 11.6 | 3.3 | 57 | 72 | - | - | - | - | ±20 | 10.5 | 360 | 54.0 | 3.8 | 5.9 | No | 336 |
| JMSH1566AK | TO-252-3L | Active | N | 150 | 20 | 3.2 | 57 | 72 | - | - | - | - | ±20 | 10.5 | 360 | 54.0 | 3.8 | 5.9 | No | 336 |
| JMSH2010BC | TO-220-3L | NRND | N | 200 | 129 | 3.3 | 9.4 | 10.9 | - | - | - | - | ±20 | 841.0 | 3,318 | 436.0 | 41.0 | 48.0 | No | 451 |
| JMSH2010BE | TO-263-3L | NRND | N | 200 | 129 | 3.3 | 9.1 | 10.7 | - | - | - | - | ±20 | 841.0 | 3,318 | 436.0 | 41.0 | 48.0 | No | 437 |
| JMSH2010BS | TO-247 | NRND | N | 200 | 130 | 3.3 | 8.8 | 10.6 | - | - | - | - | ±20 | 841.0 | 3,318 | 436.0 | 41.0 | 48.0 | No | 422 |
| JMSH2010PC | TO-220-3L | Active | N | 200 | 96 | 3.1 | 9.3 | 11.7 | - | - | - | - | ±20 | 1,006.0 | 4,089 | 429.0 | 11.0 | 60.0 | No | 558 |
| JMSH2010PE | TO-263-3L | Active | N | 200 | 109 | 3.1 | 9.1 | 10.7 | - | - | - | - | ±20 | 1,006.0 | 4,089 | 429.0 | 11.0 | 60.0 | No | 546 |
| JMSH2010PS | TO-247-3L | Active | N | 200 | 122 | 3 | 8 | 9.6 | - | - | - | - | ±20 | 1,094.0 | 8,788 | 455.0 | 17.1 | 122.0 | No | 976 |
| JMSH2010BTL | PowerJE®10x12 | NRND | N | 200 | 118 | 3.3 | 8 | 9.6 | - | - | - | - | ±20 | 882.0 | 3,318 | 436.0 | 41.0 | 48.0 | No | 384 |
| JMSH2010PTL | PowerJE®10x12 | Active | N | 200 | 119 | 3 | 7.2 | 8.6 | - | - | - | - | ±20 | 1,094.0 | 8,788 | 455.0 | 17.1 | 122.0 | No | 878 |

| | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|--------|-----|-----|--------|------|------|------|------|-------|------|------|-----|-------|-------|---------|-------|-------|----|-----|
| JMTK085P04A | TO-252-3L | Active | P | -40 | -70.0 | -1.5 | 7.1 | 9.2 | 9.3 | 13.0 | - | - | ±20 | 182.0 | 7,200 | 625.0 | 437.0 | 115.0 | No | 817 |
| JMTC085P04A | TO-220C-3L | Active | P | -40 | -70.0 | -1.5 | 8.0 | 10.0 | 11.0 | 15.0 | - | - | ±20 | 324.0 | 7,200 | 625.0 | 437.0 | 115.0 | No | 920 |
| JMTK130P04A | TO-252-3L | Active | P | -40 | -40.0 | -1.7 | 10.0 | 13.0 | 15.0 | 22.0 | - | - | ±20 | 144.0 | 3,800 | 329.0 | 289.0 | 68.0 | No | 680 |
| JMTG130P04A | PDFN5x6-8L | Active | P | -40 | -35.0 | -1.7 | 9.4 | 12.5 | 13.4 | 18.5 | - | - | ±20 | 121.0 | 3,800 | 329.0 | 289.0 | 68.0 | No | 639 |
| JMTP130P04A | SOP-8 | Active | P | -40 | -12.0 | -1.7 | 11.0 | 14.3 | 15.5 | 22.0 | - | - | ±20 | - | 3,800 | 329.0 | 289.0 | 68.0 | No | 748 |
| JMTQ130P04A | PDFN3x3-8L | Active | P | -40 | -30.0 | -1.5 | 10.3 | 13.0 | 13.6 | 19.0 | - | - | ±20 | 110.0 | 3,700 | 340.0 | 290.0 | 68.0 | No | 700 |
| JMTP520P04A | SOP-8 | Active | P | -40 | -5.5 | -1.6 | 39.0 | 51.0 | 56.0 | 78.0 | - | - | ±20 | - | 869 | 94.0 | 69.0 | 17.3 | No | 675 |
| JMTK440P04A | TO-252-3L | Active | P | -40 | -10.0 | -1.7 | 30.0 | 39.0 | 37.0 | 48.0 | - | - | ±20 | 30.0 | 1,244 | 97.0 | 80.0 | 23.0 | No | 690 |
| JMTQ440P04A | PDFN3x3-8L | Active | P | -40 | -8.0 | -1.7 | 28.0 | 36.0 | 34.0 | 44.0 | - | - | ±20 | 25.0 | 1,244 | 97.0 | 80.0 | 23.0 | No | 644 |
| JMTP440P04A | SOP-8 | Active | P | -40 | -6.0 | -1.7 | 29.0 | 38.0 | 35.0 | 46.0 | - | - | ±20 | 25.0 | 1,244 | 97.0 | 80.0 | 23.0 | No | 667 |
| JMTP850P04A | SOP-8 | Active | P | -40 | -5.0 | -1.6 | 65.0 | 85.0 | 80.0 | 112.0 | - | - | ±20 | - | 573 | 53.0 | 42.0 | 7.1 | No | 462 |
| JMTL850P04A | SOT-23 | Active | P | -40 | -5.0 | -1.6 | 70.0 | 88.0 | 90.0 | 117.0 | - | - | ±20 | - | 520 | 54.0 | 48.0 | 10.0 | No | 700 |
| JMTM850P04A | SOT-23-6L | Active | P | -40 | -5.0 | -1.6 | 66.0 | 85.0 | 82.0 | 115.0 | - | - | ±20 | - | 573 | 53.0 | 42.0 | 7.1 | No | 469 |
| JMTK050P03A | TO-252-3L | Active | P | -30 | -100.0 | -1.5 | 4.0 | 5.3 | 5.8 | 8.2 | - | - | ±20 | 225.0 | 9,400 | 1,000.0 | 767.0 | 42.0 | No | 168 |
| JMTK060P03A | TO-252-3L | Active | P | -30 | -90.0 | -1.8 | 4.2 | 6.4 | 6.3 | 10.5 | - | - | ±20 | 398.0 | 6,564 | 684.0 | 567.0 | 110.0 | No | 462 |
| JMTG060P03A | PDFN5x6-8L | Active | P | -30 | -75.0 | -1.6 | 4.3 | 5.4 | 7.0 | 9.1 | - | - | ±20 | 210.0 | 6,800 | 769.0 | 726.0 | 30.0 | No | 129 |
| JMTQ080P03A | PDFN3x3-8L | Active | P | -30 | -45.0 | -1.8 | 5.7 | 7.4 | 7.8 | 10.1 | - | - | ±20 | 132.0 | 3,366 | 471.0 | 324.0 | 59.0 | No | 336 |
| JMTK080P03A | TO-252-3L | Active | P | -30 | -60.0 | -1.8 | 5.0 | 6.5 | 7.8 | 10.0 | - | - | ±20 | 156.0 | 3,366 | 471.0 | 324.0 | 59.0 | No | 295 |
| JMTI080P03A | TO-251-3L | Active | P | -30 | -60.0 | -1.5 | 5.8 | 7.5 | 9.0 | 12.6 | - | - | ±20 | 144.0 | 4,650 | 550.0 | 486.0 | 45.0 | No | 261 |
| JMTG080P03A | PDFN5x6-8L | Active | P | -30 | -50.0 | -1.8 | 5.4 | 6.0 | 7.6 | 10.0 | - | - | ±20 | 132.0 | 3,366 | 471.0 | 324.0 | 59.0 | No | 319 |
| JMTG050P03A | PDFN5x6-8L | Active | P | -30 | -80.0 | -1.7 | 3.7 | 4.1 | 5.2 | 6.6 | - | - | ±20 | 363.0 | 7,747 | 871.0 | 559.0 | 121.0 | No | 448 |
| JMTP080P03A | SOP-8 | Active | P | -30 | -15.0 | -1.8 | 7.0 | 9.0 | 10.0 | 14.0 | - | - | ±20 | 132.0 | 3,366 | 471.0 | 324.0 | 59.0 | No | 413 |
| JMTQ100P03A | PDFN3x3-8L | Active | P | -30 | -40.0 | -1.6 | 7.5 | 9.4 | 11.6 | 15.1 | - | - | ±20 | 132.0 | 3,766 | 437.0 | 343.0 | 68.0 | No | 510 |
| JMTK100P03A | TO-252-3L | Active | P | -30 | -55.0 | -1.6 | 7.5 | 10.0 | 11.6 | 16.0 | - | - | ±20 | 121.0 | 3,564 | 416.0 | 373.0 | 37.0 | No | 278 |
| JMTG100P03A | PDFN5x6-8L | Active | P | -30 | -45.0 | -1.6 | 7.6 | 9.5 | 12.0 | 15.6 | - | - | ±20 | 113.0 | 3,564 | 416.0 | 373.0 | 37.0 | No | 281 |
| JMTK50P03A | TO-252-3L | Active | P | -30 | -50.0 | -1.7 | 7.1 | 9.2 | 10.3 | 13.4 | - | - | ±20 | 100.0 | 2,252 | 306.0 | 222.0 | 41.0 | No | 291 |
| JMTQ4407A | PDFN3x3-8L | Active | P | -30 | -35.0 | -1.7 | 7.6 | 10.0 | 10.7 | 14.0 | - | - | ±20 | 64.0 | 2,252 | 306.0 | 222.0 | 41.0 | No | 312 |
| JMTP4407A | SOP-8 | Active | P | -30 | -12.0 | -1.7 | 9.4 | 14.0 | 14.0 | 20.0 | - | - | ±20 | 64.0 | 2,252 | 306.0 | 222.0 | 41.0 | No | 385 |
| JMTK160P03A | TO-252-3L | Active | P | -30 | -45.0 | -1.6 | 10.0 | 14.0 | 16.0 | 22.5 | - | - | ±20 | 72.0 | 2,130 | 280.0 | 252.0 | 40.0 | No | 400 |
| JMTP160P03D | SOP-8 | Active | P+P | -30 | -11.0 | -1.6 | 12.7 | 17.0 | 19.0 | 27.0 | - | - | ±20 | 68.0 | 2,130 | 280.0 | 252.0 | 22.0 | No | 279 |
| JMTQ160P03A | PDFN3x3-8L | Active | P | -30 | -15.0 | -1.6 | 11.0 | 14.0 | 17.0 | 24.0 | - | - | ±20 | 40.0 | 2,070 | 273.0 | 246.0 | 22.0 | No | 242 |
| JMTP4407B | SOP-8 | Active | P | -30 | -11.0 | -1.5 | 12.7 | 16.5 | 19.0 | 26.5 | - | - | ±20 | 64.0 | 2,130 | 280.0 | 252.0 | 40.0 | No | 508 |
| JMTV200P03A | DFN2020-6L | Active | P | -30 | -11.0 | -1.6 | 13.6 | 17.7 | 17.9 | 23.3 | - | - | ±20 | 36.0 | 1,267 | 166.0 | 126.0 | 23.0 | No | 313 |
| JMTQ200P03A | PDFN3x3-8L | Active | P | -30 | -12.0 | -1.6 | 13.4 | 17.4 | 17.7 | 23.0 | - | - | ±20 | 36.0 | 1,267 | 166.0 | 126.0 | 23.0 | No | 308 |
| JMTP4435A | SOP-8 | Active | P | -30 | -10.0 | -1.6 | 12.8 | 16.6 | 18.1 | 23.5 | - | - | ±20 | 7.8 | 1,267 | 166.0 | 126.0 | 23.0 | No | 294 |
| JMTK340P03A | TO-252-3L | Active | P | -30 | -20.0 | -1.7 | 20.6 | 26.8 | 28.7 | 37.3 | - | - | ±20 | 25.0 | 890 | 112.0 | 90.0 | 17.0 | No | 260 |
| JMTP250P03A | SOP-8 | Active | P | -30 | -9.0 | -1.5 | 19.0 | 25.0 | 27.0 | 38.0 | - | - | ±20 | 25.0 | 1,200 | 155.0 | 139.0 | 52.0 | No | 988 |
| JMTP340P03A | SOP-8 | Active | P | -30 | -7.0 | -1.7 | 19.7 | 25.6 | 27.5 | 35.8 | - | - | ±20 | - | 860 | 109.0 | 84.0 | 16.0 | No | 315 |
| JMTL3407A | SOT-23 | Active | P | -30 | -4.1 | -1.8 | 35.0 | 46.0 | 49.0 | 64.0 | - | - | ±20 | - | 540 | 75.0 | 57.0 | 11.0 | No | 385 |
| JMTP4953A | SOP-8 | Active | P+P | -30 | -5.1 | -1.8 | 33.0 | 43.0 | 49.0 | 64.0 | - | - | ±20 | 12.0 | 540 | 75.0 | 57.0 | 11.0 | No | 363 |
| JMTP9435A | SOP-8 | Active | P | -30 | -5.1 | -1.8 | 31.0 | 40.0 | 46.0 | 60.0 | - | - | ±20 | 12.0 | 540 | 75.0 | 57.0 | 11.0 | No | 341 |
| JMTJ3407A | SOT-23-3L | Active | P | -30 | -4.1 | -1.8 | 35.0 | 46.0 | 49.0 | 60.0 | - | - | ±20 | - | 540 | 75.0 | 57.0 | 11.0 | No | 385 |
| JMTL3401A | SOT-23 | Active | P | -30 | -4.2 | -0.9 | 36.0 | 47.0 | 41.0 | 53.0 | 52.0 | 68.0 | ±12 | - | 762 | 74.0 | 61.0 | 8.0 | No | 288 |
| JMTL3401B | SOT-23 | Active | P | -30 | -4.0 | -1.0 | 48.0 | 62.0 | 56.0 | 73.0 | 75.0 | 98.0 | ±12 | - | 553 | 57.0 | 35.0 | 6.5 | No | 312 |
| JMTJ3401A | SOT-23-3L | Active | P | -30 | -4.2 | -0.9 | 36.0 | 47.0 | 41.0 | 53.0 | 52.0 | 68.0 | ±12 | - | 762 | 74.0 | 61.0 | 8.0 | No | 288 |
| JMTJ3401B | SOT-23-3L | Active | P | -30 | -4.0 | -1.0 | 49.0 | 64.0 | 57.0 | 74.0 | 74.0 | 96.0 | ±12 | - | 553 | 57.0 | 35.0 | 6.5 | No | 319 |

| | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------|--------|-----|-----|-------|------|------|------|------|------|------|------|-----|-------|--------|---------|-------|------|----|-------|
| JMTM300C02D | SOT-23-6L | Active | N+P | 20 | 3.8 | 0.8 | - | - | 23.0 | 30.0 | 29.0 | 37.0 | ±12 | - | 466 | 62.0 | 53.0 | 5.9 | No | - |
| | | | | -20 | -2.8 | -0.6 | - | - | 39.0 | 51.0 | 50.0 | 63.0 | | - | 538 | 61.0 | 49.0 | | | |
| JMTG075C03D | PDFN5x6-8L | Active | N+P | 30 | 15.0 | 1.5 | 8.8 | 11.0 | 13.6 | 17.7 | - | - | ±20 | 20.0 | 1,116 | 187.0 | 152.0 | 13.3 | No | 117 |
| | | | | -30 | -10.0 | -1.6 | 21.0 | 26.3 | 31.0 | 40.3 | | | | 16.0 | 1,240 | 151.0 | 138.0 | 24.0 | | 279 |
| JMTG100C03D | PDFN5x6-8L-D | Active | N+P | 30 | 12.0 | 1.5 | 9.6 | 13.0 | 13.7 | 17.0 | - | - | ±20 | 33.0 | 1,011 | 142.0 | 119.0 | 13.3 | No | 128 |
| | | | | -30 | -10.0 | -1.6 | 21.0 | 25.0 | 31.0 | 40.0 | | | | 36.0 | 1,240 | 151.0 | 138.0 | | | 279 |
| JMTQ120C03D | PDFN3x3-8L-D | Active | N+P | 30 | 11.0 | 1.5 | 12.0 | 16.0 | 18.0 | 25.0 | - | - | ±20 | 20.0 | 584 | 112.0 | 96.0 | 15.0 | No | 180 |
| | | | | -30 | -11.0 | -1.6 | 21.0 | 27.0 | 31.0 | 43.0 | | | | 25.0 | 1,200 | 155.0 | 139.0 | 52.0 | No | 1,092 |
| JMTG200C03D | PDFN5x6-8L-D | Active | N+P | 30 | 11.0 | 1.7 | 15.0 | 17.0 | 21.0 | 28.0 | - | - | ±20 | 15.0 | 481 | 71.0 | 54.0 | 10.0 | No | 150 |
| | | | | -30 | -11.0 | -1.7 | 15.0 | 21.0 | 20.0 | 32.0 | | | | 33.0 | 1,290 | 169.0 | 131.0 | 24.0 | | 360 |
| JMTP240C03D | SOP-8 | Active | N+P | 30 | 9.0 | 1.5 | 16.0 | 21.0 | 24.0 | 33.0 | - | - | ±20 | 12.0 | 490 | 79.0 | 61.0 | 5.2 | No | 83 |
| | | | | -30 | -7.0 | -1.5 | 27.0 | 35.0 | 38.0 | 54.0 | | | | 30.0 | 982 | 135.0 | 109.0 | | | 140 |
| JMTQ240C03D | PDFN3x3-8L-D | Active | N+P | 30 | 10.0 | 1.7 | 16.0 | 21.0 | 23.0 | 30.0 | - | - | ±20 | 12.0 | 481 | 69.0 | 53.0 | 10.0 | No | 160 |
| | | | | -30 | -8.0 | -1.7 | 21.0 | 27.0 | 29.0 | 38.0 | | | | 20.0 | 859 | 110.0 | 84.0 | 10.0 | | 210 |
| JMTG120C03D | PDFN5x6-8L-D | Active | N+P | 30 | 11.5 | 1.4 | 9.0 | 12.0 | 13.5 | 19.0 | - | - | ±20 | 20.0 | 584 | 112.0 | 96.0 | 52.0 | No | 468 |
| | | | | -30 | -11.5 | -1.5 | 18.5 | 24.0 | 28.0 | 39.0 | | | | 25.0 | 1,200 | 155.0 | 139.0 | | | 962 |
| JMTP120C03D | SOP-8 | Active | N+P | 30 | 10.0 | 1.4 | 10.0 | 13.0 | 15.0 | 20.0 | - | - | ±20 | 17.0 | 584 | 112.0 | 96.0 | 15.0 | No | 150 |
| | | | | -30 | -12.0 | -1.5 | 19.0 | 25.0 | 27.0 | 35.0 | | | | 24.0 | 1,200 | 155.0 | 139.0 | | | 285 |
| JMTQ250C03D | PDFN3x3-8L-D | Active | N+P | 30 | 9.0 | 1.5 | 16.0 | 21.0 | 25.0 | 35.0 | - | - | ±20 | 12.0 | 490 | 79.0 | 61.0 | 5.2 | No | 83 |
| | | | | -30 | -5.0 | -1.6 | 40.0 | 52.0 | 64.0 | 90.0 | | | | 12.0 | 580 | 98.0 | 74.0 | 6.8 | | 272 |
| JMTQ380C03D | PDFN3x3-8L-D | Active | N+P | 30 | 6.0 | 1.5 | 28.0 | 36.0 | 40.0 | 56.0 | - | - | ±20 | 5.1 | 233 | 44.0 | 33.0 | 3.0 | No | 84 |
| | | | | -30 | -5.0 | -1.6 | 38.0 | 50.0 | 56.0 | 78.0 | | | | 11.0 | 580 | 98.0 | 74.0 | 6.8 | | 258 |
| JMTP170C04D | SOP-8 | Active | N+P | 40 | 10.0 | 1.5 | 15.0 | 20.0 | 19.0 | 27.0 | - | - | ±20 | 19.0 | 980 | 86.2 | 68.5 | 11.0 | No | 165 |
| | | | | -40 | -10.0 | -1.6 | 34.0 | 44.0 | 46.0 | 62.0 | | | | 27.5 | 1,034 | 107.0 | 79.5 | | | 374 |
| JMTG170C04D | PDFN5x6-8L-D | Active | N+P | 40 | 16.0 | 1.9 | 14.4 | 20.0 | 18.5 | 29.0 | - | - | ±20 | 24.0 | 1,114 | 75.0 | 61.0 | 22.0 | No | 317 |
| | | | | -40 | -16.0 | -1.6 | 31.0 | 50.0 | 37.0 | 65.0 | | | | 24.0 | 1,157 | 89.0 | 73.0 | 22.0 | | 682 |
| JMTQ170C04D | PDFN3x3-8L-D | Active | N+P | 40 | 14.0 | 1.5 | 16.0 | 22.0 | 20.0 | 28.0 | - | - | ±20 | 16.0 | 980 | 86.2 | 68.5 | 11.0 | No | 176 |
| | | | | -40 | -14.0 | -1.6 | 38.0 | 50.0 | 50.0 | 70.0 | | | | 25.0 | 1,034 | 107.0 | 79.5 | 20.0 | | 760 |
| JMCL0410AUD | PDFN3x3-8L-D | Active | N+P | 40 | 14.0 | 1.5 | 16.0 | 21.0 | 19.0 | 25.0 | - | - | ±20 | 20.0 | 1,061 | 74.0 | 62.0 | 23.0 | No | 368 |
| | | | | -40 | -14.0 | -1.8 | 31.0 | 40.0 | 38.0 | 49.0 | | | | 20.0 | 1,117 | 89.0 | 74.0 | 22.0 | | 682 |
| JMTP230C04D | SOP-8 | Active | N+P | 40 | 8.0 | 1.5 | 17.0 | 22.0 | 25.0 | 35.0 | - | - | ±20 | 13.0 | 633 | 67.0 | 58.0 | 12.0 | No | 204 |
| | | | | -40 | -6.0 | -1.6 | 41.0 | 53.0 | 58.0 | 81.0 | | | | 17.6 | 860 | 87.0 | 70.0 | | | 492 |
| JMCL0410AGD | PDFN5x6-8L-D | Active | N+P | 40 | 16.0 | 1.5 | 14.0 | 19.0 | 17.0 | 22.0 | - | - | ±20 | 20.0 | 1,061 | 74.0 | 62.0 | 23.0 | No | 322 |
| | | | | -40 | -16.0 | -1.8 | 30.0 | 39.0 | 36.0 | 47.0 | | | | 20.0 | 1,117 | 89.0 | 74.0 | 22.0 | | 660 |
| JMTG030P02A | PDFN5x6-8L | Active | P | -20 | -85.0 | -0.6 | - | - | 2.3 | 3.0 | 3.0 | 3.8 | ±12 | 150.0 | 10,526 | 1,308.0 | 888.0 | 95.0 | No | - |
| JMTQ55P02A | PDFN3x3-8L | Active | P | -20 | -55.0 | -0.7 | - | - | 6.6 | 8.3 | 8.0 | 10.4 | ±12 | 90.0 | 4,770 | 570.0 | 502.0 | 56.0 | No | - |
| JMTK50P02A | TO-252-3L | Active | P | -20 | -60.0 | -0.9 | - | - | 6.6 | 8.5 | 8.0 | 12.0 | ±12 | - | 4,590 | 505.0 | 440.0 | 56.0 | No | - |
| JMTI210P02A | TO-251-3L | Active | P | -20 | -20.0 | -0.7 | - | - | 12.0 | 16.0 | 17.0 | 24.0 | ±12 | 36.0 | 2,000 | 242.0 | 231.0 | 16.0 | No | - |
| JMTP085P02A | SOP-8 | Active | P | -20 | -15.0 | -0.7 | - | - | 7.0 | 9.0 | 9.0 | 13.0 | ±12 | 56.0 | 4,600 | 460.0 | 459.0 | 56.0 | No | - |
| JMTV210P02A | DFN2020-6L | Active | P | -20 | -12.0 | -0.8 | - | - | 11.6 | 15.1 | 15.9 | 20.7 | ±12 | 25.0 | 1,797 | 213.0 | 180.0 | 16.0 | No | 186 |
| JMTV250P02A | DFN2020-6L | Active | P | -20 | -10.0 | -0.7 | - | - | 15.3 | 19.2 | 21.4 | 27.8 | ±12 | 25.0 | 1,200 | 191.0 | 168.0 | 14.0 | No | - |
| JMTV2305A | DFN2020-6L | Active | P | -20 | -7.0 | -0.7 | - | - | 25.0 | 31.0 | 36.0 | 47.0 | ±12 | 16.0 | 830 | 132.0 | 85.0 | 8.8 | No | 220 |
| JMTJ210P02A | SOT-23-3L | Active | P | -20 | -7.0 | -0.8 | - | - | 14.4 | 18.7 | 18.8 | 24.4 | ±12 | - | 1,797 | 213.0 | 180.0 | 16.0 | No | 230 |
| JMTJ250P02A | SOT-23-3L | Active | P | -20 | -5.0 | -0.7 | - | - | 20.0 | 26.0 | 27.0 | 37.0 | ±12 | - | 1,200 | 191.0 | 168.0 | 33.7 | No | - |
| JMTJ3415KL | SOT-23-3L | Active | P | -20 | -4.1 | -0.7 | - | - | 29.0 | 38.0 | 38.0 | 53.0 | ±10 | - | 289 | 98.0 | 22.0 | 33.7 | No | - |
| JMTL2305A | SOT-23 | Active | P | -20 | -4.1 | -0.7 | - | - | 27.0 | 35.0 | 38.0 | 53.0 | ±12 | - | 830 | 132.0 | 85.0 | 8.8 | No | - |

| | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------|--------|-----|----|-------|-----|------|------|------|------|------|------|-----|-------|-------|-------|-------|-------|----|-----|
| JMTE3002B | TO-263-3L | Active | N | 30 | 180.0 | 1.9 | 2.0 | 2.6 | 3.2 | 4.2 | - | - | ±20 | 306.0 | 5,065 | 574.0 | 472.0 | 97.0 | No | 194 |
| JMTK3002B | TO-252-3L | Active | N | 30 | 180.0 | 1.9 | 2.0 | 2.6 | 3.3 | 4.3 | - | - | ±20 | 289.0 | 5,065 | 574.0 | 472.0 | 97.0 | No | 194 |
| JMTR3002A | DFN3333-8L | Active | N | 30 | 100.0 | 1.9 | 2.3 | 3.0 | 3.6 | 4.7 | - | - | ±20 | 256.0 | 5,065 | 574.0 | 472.0 | 97.0 | No | 223 |
| JMTE3003A | TO-263-3L | Active | N | 30 | 150.0 | 1.9 | 2.2 | 2.9 | 5.0 | 6.5 | - | - | ±20 | 210.0 | 3,650 | 494.0 | 366.0 | 67.0 | No | 147 |
| JMTE018N03A | TO-263-3L | Active | N | 30 | 190.0 | 1.5 | 1.9 | 2.4 | - | - | - | - | ±20 | 271.0 | 6,278 | 863.0 | 532.0 | 108.0 | No | 205 |
| JMTC3003A | TO-220C-3L | Active | N | 30 | 150.0 | 1.9 | 2.5 | 3.3 | 4.8 | 6.2 | - | - | ±20 | 210.0 | 3,650 | 494.0 | 366.0 | 67.0 | No | 168 |
| JMTG3003A | PDFN5x6-8L | Active | N | 30 | 90.0 | 1.9 | 2.4 | 3.1 | 4.9 | 6.4 | - | - | ±20 | 210.0 | 3,650 | 494.0 | 366.0 | 67.0 | No | 161 |
| JMTG3005B | PDFN5x6-8L | Active | N | 30 | 72.0 | 1.6 | 3.9 | 5.1 | 5.5 | 7.2 | - | - | ±20 | 102.0 | 2,247 | 264.0 | 220.0 | 45.0 | No | 176 |
| JMTQ3003A | PDFN3x3-8L | Active | N | 30 | 80.0 | 1.9 | 2.6 | 3.4 | 5.1 | 6.6 | - | - | ±20 | 169.0 | 3,650 | 494.0 | 366.0 | 67.0 | No | 174 |
| JMTQ3006C | PDFN3x3-8L | Active | N | 30 | 52.0 | 1.7 | 4.3 | 5.6 | 6.1 | 7.9 | - | - | ±20 | 54.0 | 1,612 | 192.0 | 164.0 | 33.0 | No | 142 |
| JMTK3003A | TO-252-3L | Active | N | 30 | 150.0 | 1.9 | 2.6 | 3.4 | 4.9 | 6.4 | - | - | ±20 | 210.0 | 3,650 | 494.0 | 366.0 | 67.0 | No | 174 |
| JMTG040N03A | PDFN5x6-8L | Active | N | 30 | 80.0 | 1.9 | 2.6 | 3.4 | 4.3 | 5.6 | - | - | ±20 | 156.0 | 3,089 | 372.0 | 302.0 | 58.0 | No | 151 |
| JMTK3004A | TO-252-3L | Active | N | 30 | 100.0 | 1.9 | 2.8 | 3.6 | 4.7 | 6.1 | - | - | ±20 | 156.0 | 3,089 | 372.0 | 302.0 | 58.0 | No | 162 |
| JMTK3005L | TO-252-3L | Active | N | 30 | 90.0 | 1.1 | 3.0 | 4.0 | 4.7 | 6.6 | - | - | ±20 | 81.0 | 1,700 | 320.0 | 300.0 | 45.0 | No | 135 |
| JMTQ040N03A | PDFN3x3-8L | Active | N | 30 | 60.0 | 1.9 | 3.1 | 4.0 | 4.8 | 6.2 | - | - | ±20 | 121.0 | 3,089 | 372.0 | 302.0 | 58.0 | No | 180 |
| JMTI3005A | TO-251-3L | Active | N | 30 | 90.0 | 1.6 | 3.3 | 4.3 | 6.2 | 8.1 | - | - | ±20 | 110.0 | 2,260 | 296.0 | 230.0 | 42.0 | No | 139 |
| JMTK3005A | TO-252-3L | Active | N | 30 | 100.0 | 1.6 | 3.4 | 4.4 | 5.7 | 7.4 | - | - | ±20 | 110.0 | 2,260 | 296.0 | 230.0 | 42.0 | No | 143 |
| JMTK3005B | TO-252-3L | Active | N | 30 | 90.0 | 1.6 | 2.9 | 4.4 | 5.0 | 6.4 | - | - | ±20 | 102.0 | 2,247 | 264.0 | 220.0 | 45.0 | No | 131 |
| JMTQ3005A | PDFN3x3-8L | Active | N | 30 | 50.0 | 1.6 | 3.7 | 4.8 | 6.4 | 8.3 | - | - | ±20 | 100.0 | 2,260 | 296.0 | 230.0 | 42.0 | No | 155 |
| JMTC3005A | TO-220C-3L | Active | N | 30 | 90.0 | 1.6 | 3.7 | 5.0 | 5.0 | 9.0 | - | - | ±20 | 103.0 | 2,264 | 302.0 | 246.0 | 44.0 | No | 163 |
| JMTG3005A | PDFN5x6-8L | Active | N | 30 | 60.0 | 1.6 | 3.6 | 4.7 | 6.1 | 7.9 | - | - | ±20 | 110.0 | 2,260 | 296.0 | 230.0 | 42.0 | No | 151 |
| JMTP045N03A | SOP-8 | Active | N | 30 | 20.0 | 1.0 | 4.6 | 6.0 | 6.1 | 8.6 | - | - | ±20 | 100.0 | 1,700 | 320.0 | 300.0 | 45.0 | No | 207 |
| JMTK3006B | TO-252-3L | Active | N | 30 | 70.0 | 1.6 | 4.6 | 6.0 | 7.3 | 9.5 | - | - | ±20 | 81.0 | 1,788 | 225.0 | 180.0 | 34.0 | No | 156 |
| JMTQ3006B | PDFN3x3-8L | Active | N | 30 | 40.0 | 1.6 | 4.7 | 6.1 | 7.4 | 9.6 | - | - | ±20 | 64.0 | 1,788 | 225.0 | 180.0 | 34.0 | No | 160 |
| JMTK50N03A | TO-252-3L | Active | N | 30 | 50.0 | 1.8 | 6.6 | 8.6 | 9.9 | 12.9 | - | - | ±20 | 49.0 | 1,174 | 162.0 | 130.0 | 23.0 | No | 152 |
| JMTG3008A | PDFN5x6-8L | Active | N | 30 | 40.0 | 1.8 | 6.6 | 8.6 | 9.6 | 12.5 | - | - | ±20 | 49.0 | 1,174 | 162.0 | 130.0 | 23.0 | No | 152 |
| JMTQ3008A | PDFN3x3-8L | Active | N | 30 | 30.0 | 1.8 | 6.6 | 8.6 | 9.9 | 12.9 | - | - | ±20 | 49.0 | 1,174 | 162.0 | 130.0 | 23.0 | No | 152 |
| JMTQ075N03D | PDFN3x3-8L-D | Active | N+N | 30 | 25.0 | 1.8 | 9.1 | 11.8 | 12.6 | 16.4 | - | - | ±20 | 36.0 | 1,174 | 162.0 | 130.0 | 23.0 | No | 209 |
| JMTP3008A | SOP-8 | Active | N | 30 | 15.0 | 1.8 | 6.7 | 8.7 | 9.6 | 12.5 | - | - | ±20 | 42.0 | 1,174 | 162.0 | 130.0 | 22.0 | No | 147 |
| JMTV3010A | DFN2020-6L | Active | N | 30 | 20.0 | 1.6 | 8.5 | 11.1 | 13.5 | 17.6 | - | - | ±20 | 36.0 | 1,002 | 131.0 | 105.0 | 20.0 | No | 170 |
| JMTK100N03A | TO-252-3L | Active | N | 30 | 40.0 | 1.6 | 7.8 | 10.0 | 11.5 | 15.0 | - | - | ±20 | 36.0 | 1,002 | 131.0 | 105.0 | 20.0 | No | 156 |
| JMTP4406A | SOP-8 | Active | N | 30 | 13.0 | 1.6 | 7.4 | 9.6 | 12.3 | 16.0 | - | - | ±20 | 36.0 | 1,002 | 131.0 | 105.0 | 20.0 | No | 148 |
| JMTG100N03A | PDFN5x6-8L | Active | N | 30 | 30.0 | 1.6 | 7.5 | 9.8 | 11.0 | 14.3 | - | - | ±20 | 36.0 | 1,002 | 131.0 | 105.0 | 20.0 | No | 150 |
| JMTQ100N03A | PDFN3x3-8L | Active | N | 30 | 25.0 | 1.5 | 8.0 | 11.2 | 11.6 | 13.9 | - | - | ±20 | 35.0 | 1,002 | 131.0 | 105.0 | 20.0 | No | 224 |
| JMTP3010D | SOP-8 | Active | N+N | 30 | 12.0 | 1.6 | 8.9 | 11.6 | 14.4 | 18.7 | - | - | ±20 | 36.0 | 1,002 | 131.0 | 105.0 | 20.0 | No | 178 |
| JMTQ3010D | PDFN3x3-8L-D | Active | N+N | 30 | 22.0 | 1.6 | 10.4 | 13.5 | 14.4 | 18.7 | - | - | ±20 | 30.0 | 1,002 | 131.0 | 105.0 | 20.0 | No | 208 |
| JMTV075N03A | DFN2020-6L | Active | N | 30 | 22.0 | 1.8 | 6.2 | 8.1 | 9.1 | 11.8 | - | - | ±20 | 42.0 | 1,174 | 162.0 | 130.0 | 23.0 | No | 143 |
| JMTK120N03A | TO-252-3L | Active | N | 30 | 20.0 | 1.7 | 9.4 | 12.2 | 15.8 | 20.5 | - | - | ±20 | 25.0 | 853 | 106.0 | 82.0 | 16.0 | No | 150 |
| JMTQ120N03A | PDFN3x3-8L | Active | N | 30 | 18.0 | 1.7 | 9.1 | 11.8 | 14.7 | 19.8 | - | - | ±20 | 20.0 | 853 | 106.0 | 82.0 | 16.0 | No | 146 |
| JMTQ120N03D | PDFN3x3-8L-D | Active | N+N | 30 | 15.0 | 1.7 | 11.0 | 14.3 | 16.7 | 21.7 | - | - | ±20 | 20.0 | 853 | 106.0 | 82.0 | 16.0 | No | 176 |
| JMTQ240N03A | PDFN3x3-8L | Active | N | 30 | 12.0 | 1.7 | 14.9 | 19.4 | 21.3 | 27.7 | - | - | ±20 | 12.0 | 485 | 69.0 | 53.0 | 10.0 | No | 149 |
| JMTV120N03A | DFN2020-6L | Active | N | 30 | 12.0 | 1.7 | 9.2 | 12.0 | 15.0 | 19.5 | - | - | ±20 | 20.0 | 853 | 106.0 | 82.0 | 17.0 | No | 156 |
| JMTQ240N03D | PDFN3x3-8L-D | Active | N+N | 30 | 12.0 | 1.7 | 16.6 | 21.6 | 23.1 | 30.0 | - | - | ±20 | 12.0 | 485 | 69.0 | 53.0 | 10.0 | No | 166 |
| JMTV240N03A | DFN2020-6L | Active | N | 30 | 10.0 | 1.7 | 15.6 | 20.3 | 21.8 | 28.3 | - | - | ±20 | 12.0 | 485 | 69.0 | 53.0 | 10.0 | No | 156 |
| JMTP240N03D | SOP-8 | Active | N+N | 30 | 9.0 | 1.7 | 15.5 | 20.2 | 22.1 | 28.7 | - | - | ±20 | 14.0 | 485 | 69.0 | 53.0 | 10.0 | No | 155 |
| JMTP260N03D | SOP-8 | Active | N+N | 30 | 8.0 | 1.0 | 18.0 | 23.0 | 19.0 | 25.0 | 24.0 | 31.0 | ±12 | 16.0 | 785 | 65.0 | 54.0 | 9.0 | No | 162 |

| | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------|--------|-----|----|-------|-----|------|------|------|------|------|------|-----|-------|--------|---------|-------|-------|----|-----|
| JMTL3404A | SOT-23 | Active | N | 30 | 5.8 | 1.7 | 18.4 | 24.0 | 25.5 | 33.0 | - | - | ±20 | - | 485 | 69.0 | 53.0 | 10.0 | No | 184 |
| JMTV3400A | DFN2020-6L | Active | N | 30 | 8.0 | 1.0 | 17.7 | 23.0 | 19.3 | 25.1 | 24.0 | 31.2 | ±12 | - | 785 | 65.0 | 54.0 | 19.0 | No | 336 |
| JMTL3400A | SOT-23 | Active | N | 30 | 5.8 | 1.0 | 19.0 | 26.0 | 23.0 | 32.0 | 27.0 | 42.0 | ±12 | - | 785 | 65.0 | 54.0 | 19.0 | No | 361 |
| JMTK3006C | TO-252-3L | Active | N | 30 | 62.0 | 1.7 | 4.3 | 5.6 | 6.1 | 7.9 | - | - | ±20 | 54.0 | 1,612 | 192.0 | 164.0 | 33.0 | No | 142 |
| JMTJ3400A | SOT-23-3L | Active | N | 30 | 5.8 | 1.0 | 20.5 | 26.7 | 22.0 | 28.6 | 27.1 | 35.2 | ±12 | - | 785 | 65.0 | 54.0 | 19.0 | No | 390 |
| JMTL3400L | SOT-23 | Active | N | 30 | 5.0 | 1.0 | 25.0 | 33.0 | 27.0 | 35.0 | 33.0 | 43.0 | ±12 | - | 663 | 52.0 | 43.0 | 7.0 | No | 175 |
| JMTM300N03D | SOT-23-6L | Active | N+N | 30 | 4.8 | 1.0 | 25.0 | 33.0 | 27.0 | 35.0 | 32.0 | 42.0 | ±12 | - | 663 | 52.0 | 43.0 | 7.0 | No | 175 |
| JMTP380N03D | SOP-8 | Active | N | 30 | 4.5 | 1.5 | 28.0 | 36.0 | 40.0 | 56.0 | - | - | ±20 | 3.0 | 233 | 44.0 | 33.0 | 3.0 | No | 84 |
| JMTL3402A | SOT-23 | Active | N | 30 | 4.0 | 1.0 | 34.0 | 44.0 | 37.0 | 48.0 | 46.0 | 60.0 | ±12 | - | 414 | 36.0 | 29.0 | 4.5 | No | 153 |
| JMTL3406A | SOT-23 | Active | N | 30 | 4.0 | 1.4 | 29.0 | 38.0 | 39.0 | 65.0 | - | - | ±20 | - | 243 | 40.0 | 31.0 | 6.0 | No | 174 |
| JMTM3406D | SOT-23-6L | Active | N+N | 30 | 3.8 | 1.5 | 29.0 | 38.0 | 46.0 | 65.0 | - | - | ±20 | - | 233 | 44.0 | 33.0 | 3.0 | No | 87 |
| JMTG016N04A | PDFN5x6-8L | NRND | N | 40 | 210.0 | 1.7 | 1.2 | 1.6 | 2.1 | 3.0 | - | - | ±20 | 420.0 | 14,700 | 843.0 | 830.0 | 3.0 | No | 4 |
| JMTC025N04D | TO-220C-3L | Active | N | 40 | 190.0 | 2.7 | 2.1 | 2.6 | - | - | - | - | ±25 | 711.0 | 9,516 | 962.0 | 570.0 | 147.0 | No | 309 |
| JMTE025N04D | TO-263-3L | Active | N | 40 | 190.0 | 2.7 | 1.5 | 2.1 | - | - | - | - | ±25 | 784.0 | 10,111 | 1,025.0 | 572.0 | 150.0 | No | 225 |
| JMTG4004A | PDFN5x6-8L | Active | N | 40 | 100.0 | 1.6 | 2.7 | 3.5 | 3.8 | 5.4 | - | - | ±20 | 150.0 | 5,595 | 411.0 | 340.0 | 65.0 | No | 176 |
| JMTG035N04L | PDFN5x6-8L | Active | N | 40 | 100.0 | 1.5 | 2.4 | 2.9 | 3.0 | 4.5 | - | - | ±20 | 306.0 | 6,126 | 501.0 | 348.0 | 111.0 | No | 266 |
| JMTG035N04A | PDFN5x6-8L | Active | N | 40 | 100.0 | 2.8 | 2.7 | 3.5 | - | - | - | - | ±25 | 272.0 | 4,900 | 528.0 | 317.0 | 89.0 | No | 240 |
| JMTE035N04A | TO-263-3L | Active | N | 40 | 150.0 | 2.8 | 3.2 | 4.0 | - | - | - | - | ±25 | 321.0 | 4,993 | 513.0 | 289.0 | 76.0 | No | 243 |
| JMTC035N04A | TO-220-3L | Active | N | 40 | 150.0 | 2.8 | 3.4 | 4.0 | - | - | - | - | ±20 | 319.0 | 4,924 | 505.0 | 272.0 | 73.0 | No | 248 |
| JMTG027N04A | PDFN5x6-8L | Active | N | 40 | 210.0 | 2.8 | 1.8 | 2.4 | 2.1 | 2.7 | - | - | ±20 | 465.0 | 9,255 | 778.0 | 674.0 | 163.0 | No | 293 |
| JMTK4004A | TO-252-3L | Active | N | 40 | 120.0 | 1.6 | 3.3 | 4.3 | 5.4 | 7.5 | - | - | ±20 | 160.0 | 5,595 | 411.0 | 340.0 | 65.0 | No | 215 |
| JMTC4004A | TO-220C-3L | Active | N | 40 | 120.0 | 1.6 | 3.4 | 4.5 | 4.5 | 6.5 | - | - | ±20 | 148.0 | 5,595 | 411.0 | 340.0 | 65.0 | No | 221 |
| JMTK4005A | TO-252-3L | Active | N | 40 | 80.0 | 1.9 | 3.8 | 4.9 | 5.7 | 7.4 | - | - | ±20 | 156.0 | 3,778 | 267.0 | 224.0 | 73.0 | No | 277 |
| JMTG055N04A | PDFN5x6-8L | Active | N | 40 | 75.0 | 1.9 | 3.8 | 4.9 | 5.8 | 7.5 | - | - | ±20 | 156.0 | 3,778 | 267.0 | 224.0 | 73.0 | No | 277 |
| JMTQ055N04A | PDFN3x3-8L | Active | N | 40 | 70.0 | 1.9 | 4.3 | 5.6 | 6.4 | 8.3 | - | - | ±20 | 144.0 | 3,778 | 267.0 | 224.0 | 73.0 | No | 314 |
| JMTK4006A | TO-252-3L | Active | N | 40 | 70.0 | 1.8 | 4.5 | 5.9 | 6.6 | 8.6 | - | - | ±20 | 121.0 | 3,031 | 213.0 | 179.0 | 59.0 | No | 266 |
| JMTK035N04L | TO-252-3L | Active | N | 40 | 150.0 | 1.5 | 2.8 | 3.8 | 3.6 | 5.5 | - | - | ±20 | 316.0 | 6,126 | 501.0 | 348.0 | 111.0 | No | 311 |
| JMTG062N04D | PDFN5x6-8L-D | Active | N+N | 40 | 55.0 | 1.8 | 6.3 | 8.2 | 8.6 | 11.2 | - | - | ±20 | 100.0 | 3,031 | 213.0 | 179.0 | 59.0 | No | 372 |
| JMTG080N04D | PDFN5x6-8L | Active | N+N | 40 | 45.0 | 1.9 | 7.4 | 9.6 | 10.4 | 13.5 | - | - | ±20 | 81.0 | 2,443 | 167.0 | 138.0 | 48.0 | No | 355 |
| JMTQ062N04A | PDFN3x3-8L | Active | N | 40 | 50.0 | 1.8 | 5.1 | 6.6 | 7.2 | 9.4 | - | - | ±20 | 121.0 | 3,031 | 213.0 | 179.0 | 59.0 | No | 301 |
| JMTI60N04A | TO-251-3L | Active | N | 40 | 60.0 | 1.9 | 5.0 | 6.5 | 8.0 | 10.4 | - | - | ±20 | 81.0 | 2,443 | 167.0 | 138.0 | 48.0 | No | 240 |
| JMTK60N04B | TO-252-3L | Active | N | 40 | 60.0 | 1.9 | 5.4 | 7.0 | 8.1 | 10.5 | - | - | ±20 | 100.0 | 2,443 | 167.0 | 138.0 | 48.0 | No | 259 |
| JMTK1404A | TO-252-3L | Active | N | 40 | 190.0 | 2.7 | 3.1 | 4.4 | - | - | - | - | ±25 | 306.0 | 4,865 | 518.0 | 309.0 | 75.0 | No | 233 |
| JMTQ60N04B | PDFN3x3-8L | Active | N | 40 | 40.0 | 1.9 | 6.6 | 8.6 | 8.9 | 11.6 | - | - | ±20 | 72.0 | 2,443 | 167.0 | 138.0 | 48.0 | No | 317 |
| JMTG100N04A | PDFN5x6-8L | Active | N | 40 | 40.0 | 1.8 | 8.4 | 10.9 | 11.3 | 14.7 | - | - | ±20 | 49.0 | 1,913 | 125.0 | 104.0 | 37.0 | No | 311 |
| JMTG60N04B | PDFN5x6-8L | Active | N | 40 | 50.0 | 1.9 | 6.1 | 7.9 | 8.6 | 11.2 | - | - | ±20 | 81.0 | 2,443 | 167.0 | 138.0 | 48.0 | No | 293 |
| JMTC60N04B | TO-220C-3L | Active | N | 40 | 60.0 | 1.7 | 5.9 | 7.7 | 9.3 | 14.0 | - | - | ±20 | 81.0 | 2,400 | 192.0 | 165.0 | 37.0 | No | 218 |
| JMTQ130N04D | PDFN3x3-8L-D | Active | N+N | 40 | 20.0 | 1.5 | 14.8 | 19.2 | 19.5 | 25.4 | - | - | ±20 | 30.0 | 1,342 | 87.0 | 72.0 | 26.0 | No | 385 |
| JMTP080N04A | SOP-8 | Active | N | 40 | 15.0 | 1.9 | 6.5 | 8.5 | 9.2 | 12.0 | - | - | ±20 | 81.0 | 2,443 | 167.0 | 138.0 | 48.0 | No | 312 |
| JMTP080N04D | SOP-8 | Active | N+N | 40 | 13.0 | 1.9 | 7.9 | 10.3 | 10.5 | 13.7 | - | - | ±20 | 81.0 | 2,443 | 167.0 | 138.0 | 48.0 | No | 379 |
| JMTQ100N04A | PDFN3x3-8L | Active | N | 40 | 30.0 | 1.8 | 8.5 | 11.1 | 11.3 | 14.7 | - | - | ±20 | 42.0 | 1,913 | 125.0 | 104.0 | 37.0 | No | 315 |
| JMTP130N04A | SOP-8 | Active | N | 40 | 10.0 | 1.5 | 12.7 | 16.5 | 16.7 | 21.7 | - | - | ±20 | 30.0 | 1,342 | 87.0 | 72.0 | 26.0 | No | 330 |
| JMTM170N04A | SOT-23-6L | Active | N | 40 | 8.0 | 1.8 | 17.0 | 22.0 | 21.0 | 27.0 | - | - | ±20 | - | 1,112 | 74.0 | 61.0 | 22.0 | No | 374 |
| JMTQ230N04D | PDFN3x3-8L-D | Active | N+N | 40 | 12.0 | 1.9 | 20.0 | 26.0 | 28.0 | 36.0 | - | - | ±20 | 12.0 | 815 | 59.0 | 47.0 | 16.0 | No | 320 |
| JMTP400N04A | SOP-8 | Active | N | 40 | 6.0 | 1.9 | 30.0 | 39.0 | 38.0 | 49.0 | - | - | ±20 | 9.0 | 536 | 42.0 | 33.0 | 11.0 | No | 330 |
| JMTL400N04A | SOT-23 | Active | N | 40 | 5.0 | 1.9 | 30.0 | 39.0 | 40.0 | 52.0 | - | - | ±20 | - | 536 | 42.0 | 33.0 | 11.0 | No | 330 |

| | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------|--------|-----|-----|------|-----|-------|-------|-------|-------|---|---|-----|------|-------|-------|-------|------|----|-------|
| | | | | | | | | | | | | | | | | | | | | |
| JMTI320N10A | TO-251-3L | Active | N | 100 | 30.0 | 1.5 | 24.0 | 32.0 | 26.0 | 36.0 | - | - | ±20 | 52.6 | 3,217 | 126.0 | 113.0 | 23.0 | No | 552 |
| JMTC320N10A | TO-220C-3L | Active | N | 100 | 30.0 | 1.5 | 24.0 | 32.0 | 26.0 | 36.0 | - | - | ±20 | 52.6 | 3,217 | 126.0 | 113.0 | 23.0 | No | 552 |
| JMTG320N10A | PDFN5x6-8L | Active | N | 100 | 28.0 | 1.5 | 24.0 | 30.0 | 26.0 | 33.8 | - | - | ±20 | 52.6 | 3,217 | 126.0 | 113.0 | 23.0 | No | 552 |
| JMTQ320N10A | PDFN3x3-8L | Active | N | 100 | 23.0 | 1.5 | 24.0 | 32.0 | 26.0 | 36.0 | - | - | ±20 | 52.6 | 3,217 | 126.0 | 113.0 | 23.0 | No | 552 |
| JMTK500N10A | TO-252-3L | Active | N | 100 | 20.0 | 1.5 | 34.0 | 48.0 | 36.0 | 55.0 | - | - | ±20 | 31.0 | 1,766 | 63.0 | 55.0 | 44.0 | No | 1,496 |
| JMTK10N10A | TO-252-3L | Active | N | 100 | 10.0 | 1.5 | 86.0 | 108.0 | 96.0 | 125.0 | - | - | ±20 | 6.0 | 847 | 40.0 | 12.0 | 20.0 | No | 1,720 |
| JMTI10N10A | TO-251-3L | Active | N | 100 | 10.0 | 1.5 | 86.0 | 110.0 | 96.0 | 140.0 | - | - | ±20 | 4.4 | 765 | 38.0 | 33.0 | 12.0 | No | 1,032 |
| JMTQ11DN10A | PDFN3x3-8L | Active | N | 100 | 10.0 | 1.5 | 92.0 | 120.0 | 98.0 | 137.0 | - | - | ±20 | 3.8 | 765 | 38.0 | 33.0 | 12.0 | No | 1,104 |
| JMTJ11DN10A | SOT-23-3L | Active | N | 100 | 3.0 | 1.6 | 86.0 | 112.0 | 95.0 | 124.0 | - | - | ±20 | 6.0 | 818 | 31.0 | 25.0 | 20.0 | No | 1,720 |
| JMTN11DN10A | SOT-89-3L | Active | N | 100 | 3.0 | 1.5 | 95.0 | 125.0 | 100.0 | 140.0 | - | - | ±20 | - | 765 | 38.0 | 33.0 | 18.0 | No | 1,710 |
| JMTP11DN10A | SOP-8 | Active | N | 100 | 3.0 | 1.5 | 88.0 | 115.0 | 100.0 | 140.0 | - | - | ±20 | 4.0 | 610 | 40.0 | 25.0 | 12.0 | No | 1,056 |
| JMTY11DN10A | SOT-223-3L | Active | N | 100 | 5.0 | 1.5 | 96.0 | 125.0 | 105.0 | 147.0 | - | - | ±20 | 4.0 | 610 | 40.0 | 25.0 | 12.0 | No | 1,152 |
| JMTL3N10A | SOT-23 | Active | N | 100 | 2.2 | 1.5 | 220.0 | 286.0 | 223.0 | 312.0 | - | - | ±20 | - | 321 | 21.0 | 15.0 | 5.3 | No | 1,166 |
| JMTG28DN10D | PDFN5x6-8L | Active | N+N | 100 | 4.5 | 1.5 | 225.0 | 295.0 | 235.0 | 330.0 | - | - | ±20 | 0.6 | 321 | 21.0 | 15.0 | 5.3 | No | 1,193 |
| JMTQ220N04D | PDFN3x3-8L-D | Active | N+N | 40 | 13.0 | 1.3 | 20.0 | 26.0 | 23.0 | 30.0 | - | - | ±20 | 16.0 | 1,041 | 59.0 | 49.0 | 22.0 | No | 440 |

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|-------------|-------------|--------|---|-----|------|-----|---------|---------|---|---|---|---|-----|---------|-------|-------|------|------|----|--------|
| | | | | | | | | | | | | | | | | | | | | |
| JMPC18N20BJ | TO-220C-3L | Active | N | 200 | 18.0 | 2.9 | 113.0 | 150.0 | | | | | ±30 | 353.0 | 1,085 | 92.0 | 15.0 | 25.0 | No | 2,825 |
| JMPK630BJ | TO-252-3L | Active | N | 200 | 8.1 | 3.0 | 231.0 | 300.0 | | | | | ±30 | 157.0 | 575 | 54.0 | 10.9 | 13.9 | No | 3,211 |
| JMPF630BJ | TO-220FP-3L | Active | N | 200 | 8.3 | 3.0 | 216.0 | 280.0 | | | | | ±30 | 157.0 | 575 | 54.0 | 10.9 | 14.0 | No | 3,024 |
| JMPC630BJ | TO-220C-3L | Active | N | 200 | 9.0 | 3.2 | 228.0 | 296.0 | | | | | ±30 | 157.0 | 575 | 54.0 | 10.9 | 13.9 | No | 3,169 |
| JMPC34N20BJ | TO-220C-3L | Active | N | 200 | 34.0 | 2.7 | 65.0 | 85.0 | | | | | ±30 | 794.0 | 1,977 | 159.0 | 26.0 | 47.0 | No | 3,055 |
| JMPF28N20BJ | TO-220FP-3L | Active | N | 200 | 28.0 | 3.1 | 78.0 | 101.0 | | | | | ±30 | 551.0 | 1,569 | 126.0 | 21.0 | 35.0 | No | 2,730 |
| JMPC28N20BJ | TO-220C-3L | Active | N | 200 | 28.0 | 3.1 | 82.0 | 106.0 | | | | | ±30 | 551.0 | 1,569 | 126.0 | 21.0 | 35.0 | No | 2,870 |
| JMPC52N20BJ | TO-220C-3L | Active | N | 200 | 52.0 | 2.8 | 49.0 | 64.0 | | | | | ±30 | 1,080.0 | 2,691 | 207.0 | 33.0 | 61.0 | No | 2,989 |
| JMPF840BJ | TO-220FP-3L | Active | N | 500 | 9.0 | 3.0 | 750.0 | 970.0 | - | - | - | - | ±30 | 245.0 | 1,166 | 113.0 | 14.0 | 24.0 | No | 18,000 |
| JMPC840BJ | TO-220C-3L | Active | N | 500 | 9.0 | 3.0 | 730.0 | 950.0 | - | - | - | - | ±30 | 245.0 | 1,166 | 113.0 | 14.0 | 24.0 | No | 17,520 |
| JMPC25N50BJ | TO-220C-3L | Active | N | 500 | 25.0 | 3.0 | 230.0 | 300.0 | - | - | - | - | ±30 | 866.0 | 3,415 | 305.0 | 32.0 | 69.0 | No | 15,870 |
| JMPF13N50BJ | TO-220FP-3L | Active | N | 500 | 13.0 | 3.0 | 480.0 | 620.0 | - | - | - | - | ±30 | 414.0 | 1,645 | 157.0 | 18.0 | 33.0 | No | 15,840 |
| JMPC18N50BJ | TO-220C-3L | Active | N | 500 | 18.0 | 3.0 | 280.0 | 360.0 | - | - | - | - | ±30 | 708.0 | 2,839 | 258.0 | 28.0 | 58.0 | No | 16,240 |
| JMPF5N50BJ | TO-220FP-3L | Active | N | 500 | 5.0 | 3.0 | 1,400.0 | 1,810.0 | - | - | - | - | ±30 | 138.0 | 615 | 67.0 | 10.0 | 14.0 | No | 19,600 |
| JMPF15N50BJ | TO-220FP-3L | Active | N | 500 | 15.0 | 3.0 | 390.0 | 510.0 | - | - | - | - | ±30 | 551.0 | 2,122 | 196.0 | 21.0 | 43.0 | No | 16,770 |

| | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------|--------|---|-----|------|-----|---------|---------|---|---|---|---|-----|---------|-------|-------|------|------|----|--------|
| JMPF18N50BJ | TO-220FP-3L | Active | N | 500 | 18.0 | 3.0 | 280.0 | 360.0 | - | - | - | - | ±30 | 708.0 | 2,839 | 258.0 | 28.0 | 58.0 | No | 16,240 |
| JMPF25N50BJ | TO-220FP-3L | Active | N | 500 | 25.0 | 3.0 | 230.0 | 300.0 | - | - | - | - | ±30 | 866.0 | 3,415 | 305.0 | 32.0 | 69.0 | No | 15,870 |
| JMPC15N50BJ | TO-220C-3L | Active | N | 500 | 15.0 | 3.0 | 390.0 | 510.0 | - | - | - | - | ±30 | 551.0 | 2,122 | 196.0 | 21.0 | 43.0 | No | 16,770 |
| JMPC13N50BJ | TO-220C-3L | Active | N | 500 | 13.0 | 3.0 | 480.0 | 620.0 | - | - | - | - | ±30 | 414.0 | 1,645 | 157.0 | 18.0 | 33.0 | No | 15,840 |
| JMPC5N50BJ | TO-220C-3L | Active | N | 500 | 5.0 | 3.0 | 1,400.0 | 1,810.0 | - | - | - | - | ±30 | 137.0 | 615 | 67.0 | 10.0 | 14.0 | No | 19,600 |
| JMPK5N50BJ | TO-252-3L | Active | N | 500 | 5.0 | 3.0 | 1,400.0 | 1,810.0 | - | - | - | - | ±30 | 137.0 | 615 | 67.0 | 10.0 | 14.0 | No | 19,600 |
| JMPC16N60BJ | TO-220C-3L | Active | N | 600 | 16.0 | 3.0 | 400.0 | 520.0 | - | - | - | - | ±30 | 708.0 | 2,816 | 236.0 | 27.0 | 59.0 | No | 23,600 |
| JMPC4N60BJ | TO-220C-3L | Active | N | 600 | 4.0 | 3.0 | 1,940.0 | 2,520.0 | - | - | - | - | ±30 | 134.0 | 607 | 61.0 | 10.0 | 14.0 | No | 27,160 |
| JMPF12N60BJ | TO-220FP-3L | Active | N | 600 | 12.0 | 3.0 | 550.0 | 720.0 | - | - | - | - | ±30 | 537.0 | 2,107 | 180.0 | 21.0 | 45.0 | No | 24,750 |
| JMPC10N60BJ | TO-220C-3L | Active | N | 600 | 10.0 | 3.0 | 690.0 | 900.0 | - | - | - | - | ±30 | 414.0 | 1,602 | 142.0 | 17.0 | 34.0 | No | 23,460 |
| JMPC20N60BJ | TO-220C-3L | Active | N | 600 | 20.0 | 3.0 | 300.0 | 420.0 | - | - | - | - | ±30 | 725.0 | 3,311 | 274.0 | 30.0 | 68.0 | No | 20,400 |
| JMPF16N60BJ | TO-220FP-3L | Active | N | 600 | 16.0 | 3.0 | 400.0 | 520.0 | - | - | - | - | ±30 | 708.0 | 2,816 | 236.0 | 27.0 | 59.0 | No | 23,600 |
| JMPC12N60BJ | TO-220C-3L | Active | N | 600 | 12.0 | 3.0 | 550.0 | 720.0 | - | - | - | - | ±30 | 537.0 | 2,107 | 180.0 | 21.0 | 46.0 | No | 25,300 |
| JMPK4N60BJ | TO-252-3L | Active | N | 600 | 4.0 | 3.0 | 1,940.0 | 2,520.0 | - | - | - | - | ±30 | 134.0 | 607 | 61.0 | 10.0 | 14.0 | No | 27,160 |
| JMPC8N60BJ | TO-220C-3L | Active | N | 600 | 8.0 | 3.0 | 990.0 | 1,290.0 | - | - | - | - | ±30 | 265.0 | 1,142 | 105.0 | 13.0 | 25.0 | No | 24,750 |
| JMPF20N60BJ | TO-220FP-3L | Active | N | 600 | 20.0 | 3.0 | 300.0 | 420.0 | - | - | - | - | ±30 | 725.0 | 3,311 | 274.0 | 30.0 | 68.0 | No | 20,400 |
| JMPF8N60BJ | TO-220FP-3L | Active | N | 600 | 8.0 | 3.0 | 990.0 | 1,290.0 | - | - | - | - | ±30 | 265.0 | 1,142 | 105.0 | 13.0 | 25.0 | No | 24,750 |
| JMPF4N60BJ | TO-220FP-3L | Active | N | 600 | 4.0 | 3.0 | 1,940.0 | 2,520.0 | - | - | - | - | ±30 | 134.0 | 607 | 61.0 | 10.0 | 14.1 | No | 27,354 |
| JMPF10N60BJ | TO-220FP-3L | Active | N | 600 | 10.0 | 3.0 | 690.0 | 900.0 | - | - | - | - | ±30 | 414.0 | 1,602 | 142.0 | 17.0 | 34.0 | No | 23,460 |
| JMPC25N60BJ | TO-220C-3L | Active | N | 600 | 25.0 | 3.0 | 282.0 | 366.0 | | | | | ±30 | 1,080.0 | 4,084 | 99.0 | 16.0 | 85.0 | No | 23,970 |
| JMPF20N65BJ | TO-220FP-3L | Active | N | 650 | 20.0 | 3.0 | 400.0 | 470.0 | | | | | ±30 | 980.0 | 3,234 | 266.0 | 34.0 | 73.0 | No | 29,200 |
| JMPF12N65BJ | TO-220FP-3L | Active | N | 650 | 12.0 | 3.0 | 640.0 | 740.0 | | | | | ±30 | 605.0 | 2,078 | 170.0 | 21.0 | 47.0 | No | 30,080 |
| JMPF7N65BJ | TO-220FP-3L | Active | N | 650 | 7.0 | 3.0 | 1,150.0 | 1,350.0 | - | - | - | - | ±30 | 245.0 | 1,089 | 100.0 | 14.0 | 27.0 | No | 31,050 |
| JMPK7N65BJ | TO-252-3L | Active | N | 650 | 7.0 | 3.0 | 1,150.0 | 1,350.0 | | | | | ±30 | 245.0 | 1,089 | 100.0 | 14.0 | 27.0 | No | 31,050 |
| JMPF4N65BJ | TO-220FP-3L | Active | N | 650 | 4.0 | 3.0 | 2,220.0 | 2,640.0 | | | | | ±30 | 125.0 | 587 | 59.0 | 10.0 | 15.0 | No | 33,300 |
| JMPF10N65BJ | TO-220FP-3L | Active | N | 650 | 10.0 | 3.0 | 840.0 | 950.0 | - | - | - | - | ±30 | 405.0 | 1,560 | 136.0 | 19.0 | 37.0 | No | 31,080 |
| JMPC4N65BJ | TO-220C-3L | Active | N | 650 | 4.0 | 3.0 | 2,220.0 | 2,640.0 | - | - | - | - | ±30 | 125.0 | 587 | 59.0 | 10.0 | 15.0 | No | 33,000 |
| JMPC7N65BJ | TO-220C-3L | Active | N | 650 | 7.0 | 3.0 | 1,150.0 | 1,350.0 | - | - | - | - | ±30 | 245.0 | 1,089 | 100.0 | 14.0 | 27.0 | No | 31,050 |
| JMPC10N65BJ | TO-220C-3L | Active | N | 650 | 10.0 | 3.0 | 840.0 | 1,090.0 | - | - | - | - | ±30 | 405.0 | 1,560 | 136.0 | 19.0 | 37.0 | No | 31,080 |
| JMPC12N65BJ | TO-220C-3L | Active | N | 650 | 12.0 | 3.0 | 640.0 | 740.0 | - | - | - | - | ±30 | 605.0 | 2,078 | 170.0 | 21.0 | 47.0 | No | 30,080 |
| JMPC16N65BJ | TO-220C-3L | Active | N | 650 | 16.0 | 3.0 | 480.0 | 620.0 | - | - | - | - | ±30 | 845.0 | 2,747 | 224.0 | 27.0 | 62.0 | No | 29,760 |
| JMPC20N65BJ | TO-220C-3L | Active | N | 650 | 20.0 | 3.0 | 400.0 | 470.0 | - | - | - | - | ±30 | 980.0 | 3,234 | 266.0 | 34.0 | 73.0 | No | 29,200 |
| JMPF16N65BJ | TO-220FP-3L | Active | N | 650 | 16.0 | 3.0 | 480.0 | 620.0 | - | - | - | - | ±30 | 845.0 | 2,747 | 224.0 | 27.0 | 62.0 | No | 29,760 |
| JMPK4N65BJ | TO-252-3L | Active | N | 650 | 4.0 | 3.0 | 2,220.0 | 2,640.0 | - | - | - | - | ±30 | 125.0 | 587 | 59.0 | 10.0 | 15.0 | No | 33,000 |

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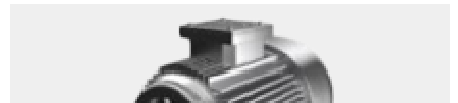
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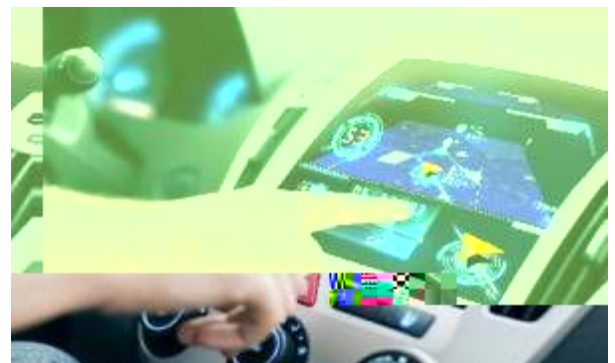
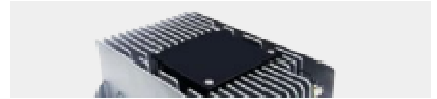
AEC-



MOSFET
MOSFET

100 ~

DS(ON) g
40 ~



QUICK CHARGER

18W 100W
Qual-comm QCxx, MediaTek PE
Type-A type-C

(USB PD3.0/3.1, USB BC1.2, UFCS T/TAF 083-2022,
wei S/FCP, Oppo D/FCP, Samsung AFC, Apple 2.4A,

USB

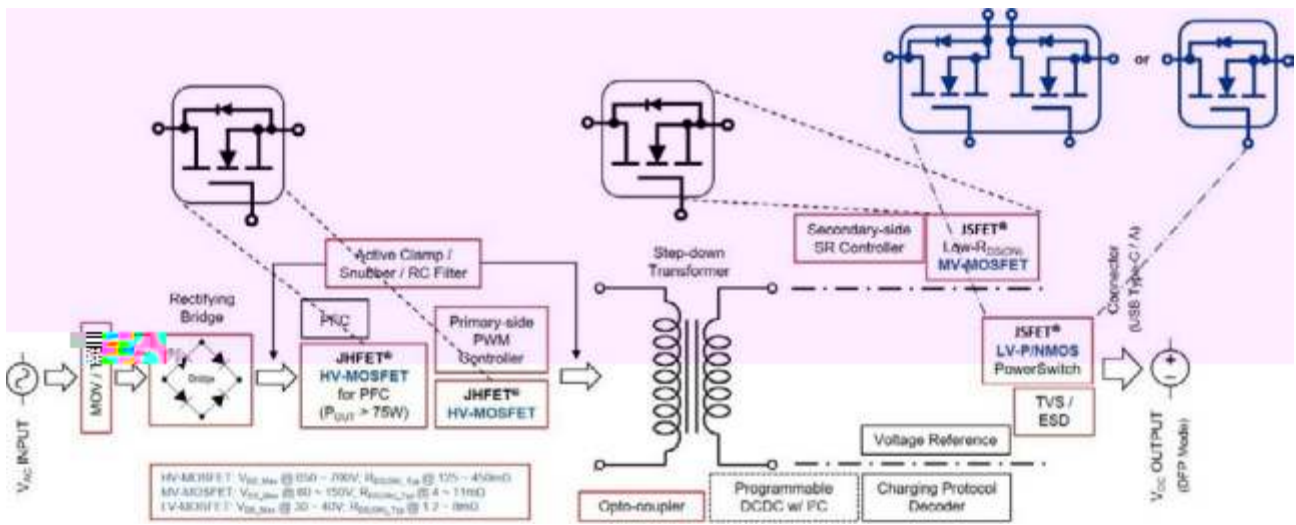
D/E-mode

OEM

Flyb

BOM

CF-Flyb



| | | | | | | | | | | | | | | | |
|---------------|-------------|------|----|---|-----|----|-----|-----|-----|-----|-------|------|-----|-------|----------------------|
| JMH65R190APLN | DFN8080-4L | - | SJ | N | 650 | 17 | 3.5 | 169 | 190 | ±20 | 1,560 | 38.0 | 405 | 6,422 | for $P_{OUT} > 100W$ |
| JMH65R190AF | TO-220FP-3L | - | SJ | N | 650 | 20 | 3.5 | 170 | 190 | ±20 | 1,560 | 38.0 | 405 | 6,460 | for $P_{OUT} > 100W$ |
| JMH65R290APLN | DFN8080-4L | - | SJ | N | 650 | 10 | 3.5 | 262 | 290 | ±20 | 1,056 | 22.0 | 281 | 5,764 | for $P_{OUT} 100W$ |
| JMH65R290ACFP | TO-220FP-NL | - | SJ | N | 650 | 12 | 3.5 | 260 | 290 | ±20 | 1,056 | 22.0 | 281 | 5,720 | for $P_{OUT} 100W$ |
| JMH65R430APLN | DFN8080-4L | - | SJ | N | 650 | 10 | 3.5 | 370 | 430 | ±20 | 703 | 18.4 | 180 | 6,808 | for $P_{OUT} 65W$ |
| JMH65R430AF | TO-220FP-3L | - | SJ | N | 650 | 11 | 3.5 | 364 | 430 | ±20 | 703 | 18.4 | 180 | 6,698 | for $P_{OUT} 65W$ |
| JMH65R430ACFP | TO-220FP-NL | - | SJ | N | 650 | 11 | 3.5 | 364 | 430 | ±20 | 703 | 18.4 | 180 | 6,698 | for $P_{OUT} 65W$ |
| JMH65R430AK | TO-252-3L | DKAK | SJ | N | 650 | 11 | 3.5 | 370 | 430 | ±20 | 703 | 18.4 | 180 | 6,808 | for $P_{OUT} 65W$ |
| JMH65R490AFFD | TO-220FP-3L | - | SJ | N | 650 | 5 | 3.5 | 430 | 490 | ±20 | 677 | 20.0 | 180 | 8,600 | for $P_{OUT} 45W$ |
| JMH65R980AFFD | TO-220FP-3L | - | SJ | N | 650 | 4 | 3.5 | 895 | 980 | ±20 | 343 | 10.1 | 72 | 9,040 | for $P_{OUT} 20W$ |
| JMH65R980AK | TO-252-3L | - | SJ | N | 650 | 4 | 3.5 | 900 | 980 | ±20 | 333 | 9.7 | 80 | 8,730 | for $P_{OUT} 20W$ |

| | | | | | | | | | | | | | | | |
|-------------|------------|----------|-----|---|-----|-----|-----|------|------|-----|-------|--------|-----|-----|----------------------------|
| JMSL0609PPD | SOP-8L | SOP-8 | SGT | N | 60 | 14 | 1.7 | 7.5 | 9.5 | ±20 | 1,083 | 17.2 | 34 | 129 | for P _{OUT} < 65W |
| JMSL0609PG | PDFN5x6-8L | SuperSO8 | SGT | N | 60 | 43 | 1.5 | 7.2 | 9.4 | ±20 | 1,087 | 16.6 | 34 | 120 | for P _{OUT} < 65W |
| JMSL1013PGD | PDFN5x6-8L | SuperSO8 | SGT | N | 100 | 135 | 1.7 | 10.4 | 13 | ±20 | 68 | 1535.0 | 335 | 270 | for P _{OUT} < 65W |
| JMSL1004RG | PDFN5x6-8L | SuperSO8 | SGT | N | 100 | 117 | 1.7 | 3.4 | 4.1 | ±20 | 3,709 | 13.9 | 20 | 47 | for P _{OUT} 100W |
| JMSL1005PG | PDFN5x6-8L | SuperSO8 | SGT | N | 100 | 108 | 1.9 | 4.7 | 5.9 | ±20 | 2,604 | 42.0 | 110 | 197 | for P _{OUT} 65W |
| JMSH1006AG | PDFN5x6-8L | SuperSO8 | SGT | N | 100 | 102 | 2.7 | 5.3 | 6.6 | ±20 | 2,369 | 38.0 | 110 | 201 | for P _{OUT} 65W |
| JMSL1009 | | SuperSO8 | SGT | N | 100 | 93 | 1.7 | 6.0 | 7.6 | ±20 | 2,200 | 34.0 | 101 | 204 | for P _{OUT} < 65W |
| JMSL1009AG | PDFN5x6-8L | SuperSO8 | SGT | N | 100 | 75 | 1.7 | 7.0 | 8.2 | ±20 | 1,314 | 25.0 | 86 | 175 | for P _{OUT} < 65W |
| JMSL1018PG | PDFN5x6-8L | SuperSO8 | SGT | N | 100 | 35 | 1.9 | 14.5 | 18.2 | ±20 | 769 | 13.0 | 29 | 189 | for P _{OUT} < 65W |
| JMSH1207PG | PDFN5x6-8L | SuperSO8 | SGT | N | 120 | 94 | 3.0 | 5.6 | 7.0 | ±20 | 2,208 | 35.0 | 135 | 196 | for P _{OUT} 65W |

| | | | | | | | | | | | | | | | |
|-------------|--------------|----------|--------|-------|-----|-----|------|-----|------|-----|-------|------|-----|-----|---------------------------|
| JMTQ080P03A | PDFN3x3-8L | PQFN 3x3 | Trench | P | -30 | -45 | -1.5 | 5.8 | 7.3 | ±20 | 4,650 | 45.0 | 144 | 261 | for I _{OUT} 3A |
| JMTQ100P03A | PDFN3x3-8L | PQFN 3x3 | Trench | P | -30 | -40 | -1.6 | 7.5 | 10.0 | ±20 | 3,564 | 37.0 | 121 | 278 | for I _{OUT} < 3A |
| JMSL0302PU | PDFN3x3-8L | PQFN 3x3 | SGT | N | 30 | 145 | 1.7 | 1.2 | 1.5 | ±20 | 2,975 | 39.0 | 101 | 47 | for I _{OUT} 5A |
| JMSL0302BU | PDFN3x3-8L | PQFN 3x3 | SGT | N | 30 | 135 | 1.6 | 1.5 | 1.9 | ±20 | 2,526 | 40.0 | 94 | 60 | for I _{OUT} 5A |
| JMSL0303TU | PDFN3x3-8L | PQFN 3x3 | SGT | N | 30 | 119 | 1.6 | 1.8 | 2.2 | ±20 | 2,091 | 32.0 | 61 | 58 | for I _{OUT} 5A |
| JMSL0310PU | PDFN3x3-8L | PQFN 3x3 | SGT | N | 30 | 60 | 1.7 | 4.0 | 5.0 | ±20 | 866 | 13.5 | 20 | 54 | for I _{OUT} < 5A |
| JMSL0315PU | PDFN3x3-8L | PQFN 3x3 | SGT | N | 30 | 43 | 1.7 | 7.0 | 8.8 | ±20 | 468 | 7.7 | 9 | 54 | for I _{OUT} < 3A |
| JMSL0315PUD | PDFN3x3-8L_D | - | SGT | N + N | 30 | 36 | 1.7 | 8.8 | 11.0 | ±20 | 468 | 7.7 | 9 | 68 | for I _{OUT} 2A |
| JMSL0402tU | PDFN3x3-8L | PQFN 3x3 | SGT | N | 40 | 119 | 1.5 | 2.0 | 2.5 | ±20 | 2,131 | 36.0 | 126 | 72 | for I _{OUT} 5A |
| JMSL0403PU | PDFN3x3-8L | PQFN 3x3 | SGT | N | 40 | 99 | 1.6 | 2.5 | 3.1 | ±20 | 1,424 | 22.0 | 79 | 55 | for I _{OUT} 5A |
| JMSL0406PU | PDFN3x3-8L | PQFN 3x3 | SGT | N | 40 | 55 | 1.7 | 4.5 | 5.6 | ±20 | 1,204 | 17.9 | 36 | 81 | for I _{OUT} < 5A |

J5FET JHFET

3C (computing, communications, consumer electronics)

J5FET JHFET

PDFN3x3 /

O-220 / 247 / 251 / 252 /

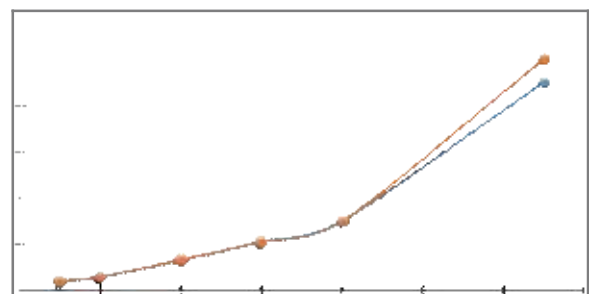
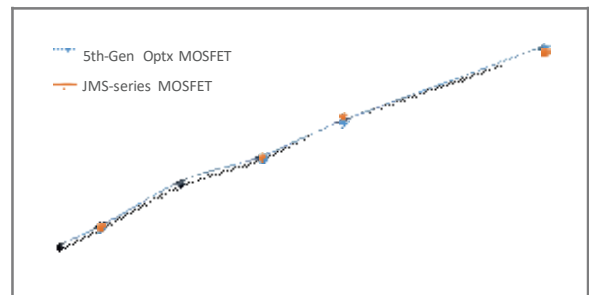
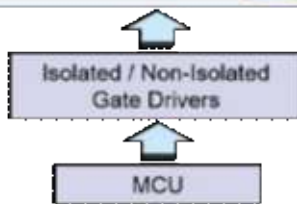
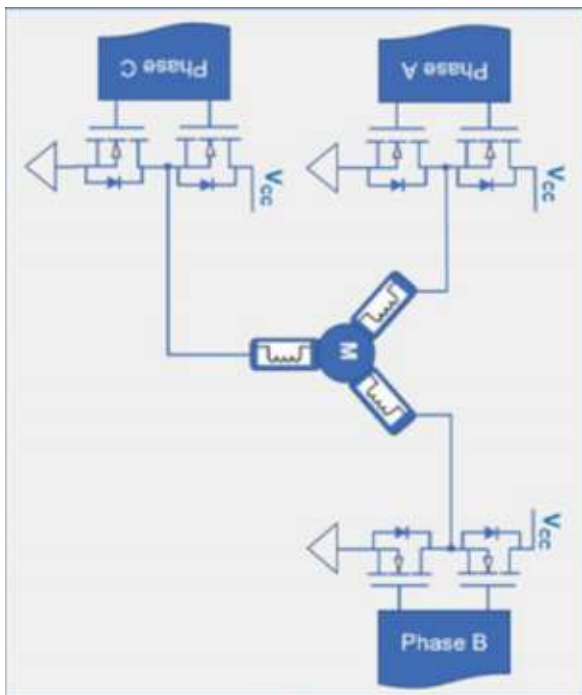
-8

J5FET JHFET

RoHS

MOSFETs

$R_{DS(ON)}$ E_{AS}





BMS

(Battery Pack)

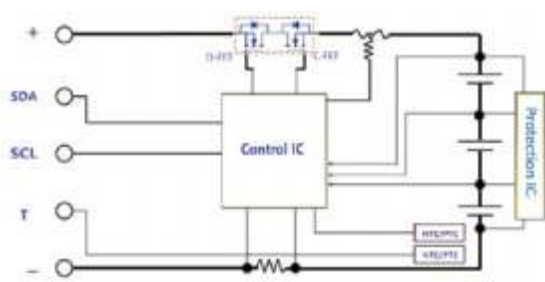
(BMS)

s

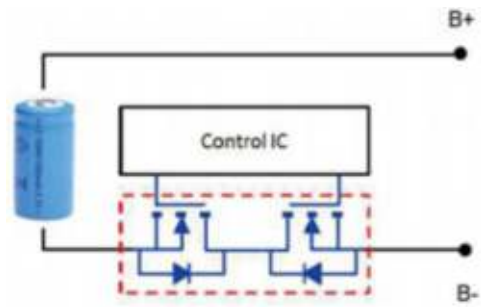
(BMS)

1µm

UIS



High-side Configuration

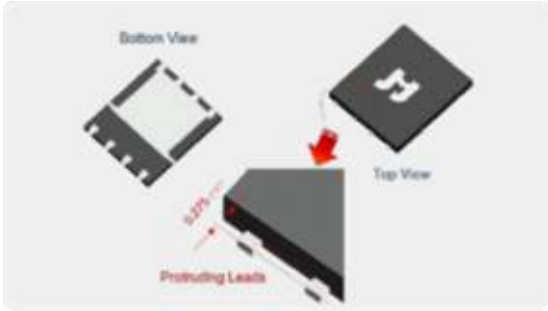


Low-side Configuration





LEADING PRODUCT INTRODUCTION



MOSFET,
PDFN3x3-8L

FOM 20%
48%

T

(PCBA)

AOI)

| | | | | | | | Ω | Ω | | | | | |
|------------|---------|------------|-----------------|------|-------|------|----------|----------|----------|-----|-------|------|-----|
| JMPL1050AU | JJM | PDFN3x3-8L | PQFN3x3 | -100 | -26.0 | -2.0 | 38.0 | 50.0 | ± 20 | 109 | 1,412 | 20.0 | 760 |
| Sxxx71DN | US-Vxxx | | PowerPAK1212-8S | -100 | -23.0 | -2.0 | 47.0 | 59.0 | ± 20 | 31 | 1,050 | 20.0 | 940 |
| Fxxx86139P | US-oxxx | | WDFN8 3.3x3.3 | -100 | -15.0 | -3.0 | 56.0 | 67.0 | ± 25 | 121 | 1,001 | 16.0 | 896 |
| JMPL1050AG | JJM | PDFN5x6-8L | SupperSO8 | -100 | -27.0 | -2.0 | 36.0 | 50.0 | ± 20 | 109 | 1,412 | 20.0 | 720 |
| JMPL1050AK | JJM | TO-252-3L | DPAK | -100 | -30.0 | -2.0 | 37.0 | 50.0 | ± 20 | 109 | 1,412 | 20.0 | 740 |
| JMPL1050AY | JJM | SOT-223-3L | SOT-223 | -100 | -9.7 | -2.0 | 40.0 | 52.0 | ± 20 | 109 | 1,412 | 20.0 | 800 |
| JMPL1050AP | JJM | SOP-8L | SOP-8 | -100 | 6.3 | -2.0 | 36.0 | 50.0 | ± 20 | 109 | 1,412 | 20.0 | 720 |

100V MOSFET (HPC) (IE) (Autonomous Driving DC System, ADS) DC

JPFET (DS(ON)_Typ) F / 38m /760 (SOA) IDM



72V C-DC JPFET JMPL1050A

40 ~ PCBA

SGT MOSFETs

JPFET®
POD (package outline drawing) H-Spice P-Spice
<https://www.jjwdz.com/about/pronews/>



| | | | |
|-----------|---------|------------------|-------------------------|
| | MOSFETs | IATF 16949 | |
| AEC-Q101 | | (0.56 ~ 820.0m) | (5.3~163.0nC) FOM (55 ~ |
| 354) | | | |
| | | -55 ~ 175 | PowerJE@10x12 PDFN3x3/ |
| T | | | MSL1 |
| T MOSFETs | RoHS | | |

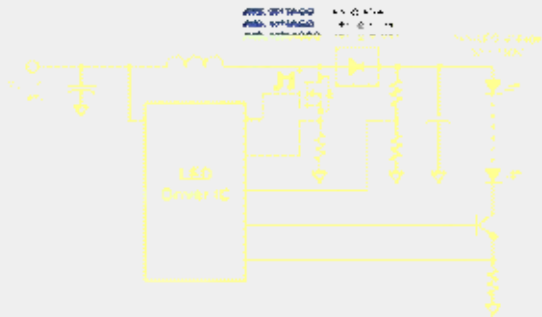


Figure 1: DC/DC Boost in mini/LED Backlighting

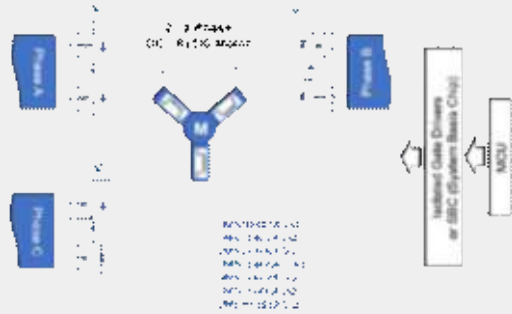
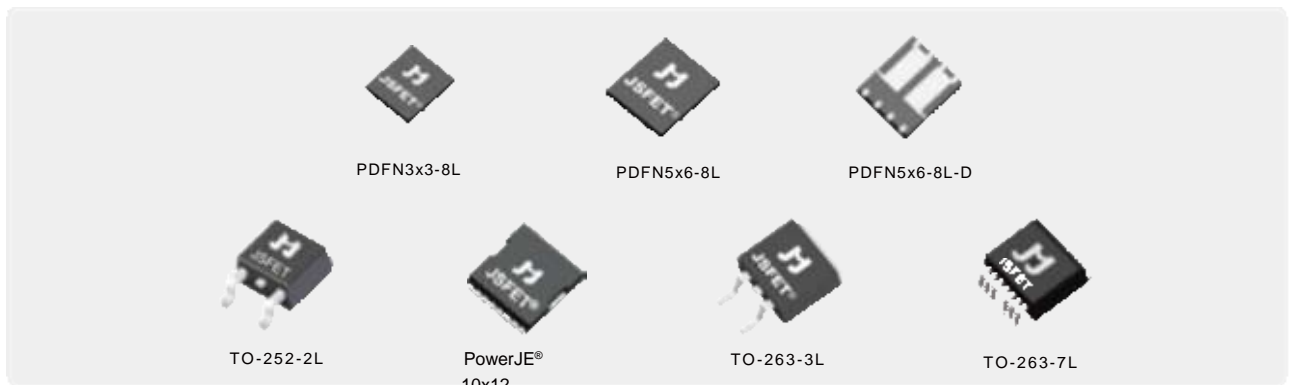


Figure 2: DC/BLDC Motor Driving

These 40 ~ 150V SGT MOSFETs are well suited for applications inside automobiles. Their long-term reliability were tested per AEC-Q101 quality standards. JMSL0406AGQ and its dual-die variant JMSL0406AGDQ are popular in body control module (BCM) for use cases like low-power DC motor driving. With $R_{DS(ON)}$ down to 1.3m Ω , JMSSH041AGQ fits the power efficiency requirement of mid/high-power DC motors. Typical applications are: multi-way power seat, power tailgate, centralized door lock, ESC (electronic stability control). At $V_{DS_Max} = 100V$ and assembled in the low-profile PDFN5x5-8L package, JMSL1018AGQ is good for LED backlighting in flat panel display of the infotainment/ADAS unit. In contrast, JMSL1020AGDQ drives two strings of high-brightness LEDs simultaneously for backlighting in larger panel.

| Package | # of Pins | Media | Quantity (pcs) |
|---------------|-----------|--------------|----------------|
| PowerJE@10x12 | 8 | 13-inch Reel | 2000 |
| PDFN3x3-8L | 8 | 13-inch Reel | 3,000 |
| PDFN5x6-8L | 8 | 13-inch Reel | 3,000 |
| PDFN5x6-8L-D | 8 | 13-inch Reel | 3,000 |
| TO-252-3L | 3 | 13-inch Reel | 3,000 |
| TO-263-3L | 3 | 13-inch Reel | 800 |
| TO-263-7L | 7 | 13-inch Reel | 800 |

Samples & production quantities of the Q-grade 40~150V JSFET are available from sales_sh@jjwdz.com and authorized sales distributors.



| | | | | Ω | Ω | | | | | |
|--------------|---------------|---------------|-----|----------|----------|-------|--------|-------|------|-----|
| JMSH1001ATL | JieJie Micro. | PowerJE®10x12 | 100 | 1.30 | 1.60 | 1.250 | 9,623 | 2,091 | 1.2 | 155 |
| AOxL6691x | US - AOx | TOLLA | 100 | 1.40 | 1.70 | 405 | 12,500 | 3.190 | 55.0 | 155 |
| IPx015N10Nx | EU - Inxx | PG-HSOF-8 | 100 | 1.30 | 1.50 | 775 | 12,000 | 1,800 | 80.0 | 169 |
| FDxL0200N1xx | US - Onxx | TO-LL 8L | 100 | 1.50 | 2.00 | 352 | 6,970 | 3,950 | 29.0 | 95 |

BOM (bill of material)

N JSFET® JMSH1001ATL
(VDS_Max = 100V) JMSH1504ATL (VDS_Max = 150V)
PowerJE®10x12 VGS 10V ,
RDS(ON)_Typ FOM 1.3m / 202 (JMSH1001ATL)
3.3m / 290 (JMSH1504ATL)

| Test Item | Description | Test Conditions | Duration | DUT Quantity |
|-----------|--|---|----------|--------------|
| PreCon | Pre-conditioning & IR Reflow (SMT-type DUTs only) | Bake-out for 24 hrs.: $T_A = 125^{\circ}\text{C}$; | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Test Item | Description | Test Conditions | Duration | DUT Quantity |
|--------------------|---|---|--|------------------------------|
| PreCon | Pre-conditioning & IR Reflow (SMT-type DUTs only) | Bake-out for 24 hrs.: $T_A = 125^\circ\text{C}$; Moisture Soak: {MSL1 @ [$T_A = 85^\circ\text{C}$, RH = 85%] for 168 hrs.} or {MSL3 @ [$T_A = 30^\circ\text{C}$, RH = 60%] for 192 hrs.}; IR Reflow for 3 cycles: 1 cycle (preheat zone @ $>185^\circ\text{C}$ -> main heat zone @ $260 (+5/-0)^\circ\text{C}$ for at least 30s) for $t = 180\text{s}$; JESD22-A113 | Executed before the following tests: C-SAM (22 DUTs), TC, PC, H ³ TRB or HAST, IOL | 330 Devices |
| HTRB | High Temperature Reverse Bias | $T_J = 150^\circ\text{C}$ Reverse Bias = Specification Limit x 100%; JESD22-A108 | 1,000 Hrs | 77 Devices |
| HTGB | High Temperature Gate Bias | $T_J = 150^\circ\text{C}$ Gate Bias = Specification Limit x 100%; JESD22-A108 | 1,000 Hrs | 77 Devices |
| PC (AC) | Pressure Cooker (Auto-clave) | $T_A = 121 \pm 2^\circ\text{C}$; RH = 100%, P = 15psi; Bias = None; JESD22-A102 | 96 Hrs | 77 Devices (pre-conditioned) |
| TC | Temperature Cycling | $T_A = \{[-55^\circ\text{C} @ 15\text{min.}] \leftrightarrow [150^\circ\text{C} @ 15\text{min.}]\}$ per 1-hr cycle (air-to-air); Bias = None; JESD22-A104 | 1,000 Cycles | 77 Devices (pre-conditioned) |
| H ³ TRB | High Humidity High Temperature Reverse Bias | $T_A = 85^\circ\text{C}$; RH = 85%; 80% rated V_{DS_MAX} up to 100V; JESD22-A101 | 1,000 Hrs | 77 Devices (pre-conditioned) |
| HAST | Highly Accelerated Temperature & Humidity Stress | $T_A = 130^\circ\text{C}$; RH = 85%; $V_{DS} = \pm 80\% V_{DS_MAX}$ up to 42V; $P = 33.3\text{ psi}$ JESD22-A110 | 96 Hrs | 77 Devices (pre-conditioned) |
| IOL | Intermittent Operating Life | $T_A = 25^\circ\text{C}$ Devices powered to ensure $T_J > 100^\circ\text{C}$ (not to exceed Absolute Maximum Rating) MIL-STD-750 M1037 | 15,000 Cycles | 77 Devices (pre-conditioned) |

| Test Item | Description | Test Conditions | Duration | DUT Quantity |
|--------------------|---|---|--|--|
| PreCon | Pre-conditioning & IR Reflow (SMT-type DUTs only) | Bake-out for 24 hrs.: $T_A = 125^\circ\text{C}$; Moisture Soak: {MSL1 @ [$T_A = 85^\circ\text{C}$, RH = 85%] for 168 hrs.} or {MSL3 @ [$T_A = 30^\circ\text{C}$, RH = 60%] for 192 hrs.}; IR Reflow for 3 cycles: 1 cycle (preheat zone @ $>185^\circ\text{C}$ -> main heat zone @ $260 (+5/-0)^\circ\text{C}$ for at least 30s) for $t = 180\text{s}$; JESD22-A113 | Executed prior to the following tests: C-SAM, TC, PC, H ³ TRB or HAST, IOL | 3 Lots x 330 Devices |
| HTRB | High Temperature Reverse Bias | $T_J = 175^\circ\text{C}$; Reverse Bias = Specification Limit x 100%; JESD22-A108 | 1,000 Hrs | 3 Lots x 77 Devices |
| HTGB | High Temperature Gate Bias | $T_J = 175^\circ\text{C}$; Reverse Bias = Specification Limit x 100%; JESD22-A108 | 1,000 Hrs | 3 Lots x 77 Devices |
| PC (AC) | Pressure Cooker (Auto-clave) | $T_A = 121 \pm 2^\circ\text{C}$; RH = 100%, P = 15psi; Bias = None; JESD22-A102 | 96 Hrs | 3 Lots x 77 Devices (pre-conditioned) |
| TC | Temperature Cycling | $T_A = \{[-55^\circ\text{C} @ 15\text{min.}] \leftrightarrow [150^\circ\text{C} @ 15\text{min.}]\}$ per 1-hr cycle (air-to-air); Bias = None; JESD22-A104 | 1,000 Cycles | 3 Lots x 77 Devices (pre-conditioned) |
| H ³ TRB | High Humidity High Temperature Reverse Bias | $T_A = 85^\circ\text{C}$; RH = 85%; 80% rated V_{DS_MAX} up to 100V; JESD22-A101 | 1,000 Hrs | 3 Lots x 77 Devices (pre-conditioned) |
| HAST | Highly Accelerated Temperature & Humidity Stress | $T_A = 130^\circ\text{C}$; RH = 85%; $V_{DS} = \pm 80\% V_{DS_MAX}$ up to 42V; $P = 33.3\text{ psi}$; JESD22-A110 | 96 Hrs | 3 Lots x 77 Devices (pre-conditioned) |
| IOL | Intermittent Operating Life | $T_A = 25^\circ\text{C}$ Devices powered to ensure $T_J > 100^\circ\text{C}$ (not to exceed Absolute Maximum Rating) MIL-STD-750 M1037 | 15,000 Cycles | 3 Lots x 77 Devices (pre-conditioned) |



THROUGH-HOLE PACKING INFORMATION

| Package | | Quantity (pcs) | CBM (cm ³) |
|-------------|------------|----------------|------------------------|
| SOT-89-3L | Small box | 10,000 | 21 x 21 x 21 |
| | Carton box | 40,000 | 45 x 44.5 x 23.2 |
| TO-251-3L | Empty Tube | - | - |
| | Tube | 80 | 53.6 x 2.0 x 0.54 |
| | Small box | 4,950 | 55.5 x 16 x 4.8 |
| | Carton box | 29,700 | 55.5 x 33.5 x 21.5 |
| TO-251L-3L | Empty Tube | - | - |
| | Tube | 80 | 53.6 x 2.0 x 0.54 |
| | Small box | 4,950 | 55.5 x 16 x 4.8 |
| | Carton box | 29,700 | 55.5 x 33.5 x 21.5 |
| TO-220-3L | Empty Tube | - | - |
| | Tube | 50 | 53 x 3.3 x 0.7 |
| | Small box | 1,000 | 55 x 14 x 4.5 |
| | Carton box | 5,000 | 57 x 26 x 16 |
| TO-220AS-3L | Empty Tube | - | - |
| | Tube | 50 | 53 x 3.3 x 0.7 |
| | Small box | 1,000 | 55 x 14 x 4.5 |
| TO-220C-3L | Empty Tube | - | - |
| | Tube | 50 | 53 x 3.3 x 0.7 |
| | Small box | 1,000 | 55 x 14 x 4.5 |
| | Carton box | 5,000 | 57 x 26 x 16 |
| TO-220FA-3L | Empty Tube | - | - |
| | Tube | 50 | 53 x 3.3 x 0.7 |
| | Small box | 1,000 | 55 x 14 x 4.5 |
| | Carton box | 5,000 | 57 x 26 x 16 |
| TO-220FP-3L | Empty Tube | - | - |
| | Tube | 50 | 53 x 3.3 x 0.7 |
| | Small box | 1,000 | 55 x 14 x 4.5 |
| | Carton box | 5,000 | 57 x 26 x 16 |
| TO-220FP-NL | Empty Tube | - | - |
| | Tube | 50 | 53 x 3.3 x 0.7 |
| | Small box | 1,000 | 55 x 14 x 4.5 |
| | Carton box | 5,000 | 57 x 26 x 16 |
| TO-262-3L | Empty Tube | - | - |
| | Tube | 50 | 53 x 3.3 x 0.7 |
| | Small box | 1,000 | 55 x 14 x 4.5 |
| | Carton box | 5,000 | 57 x 26 x 16 |
| TO-247-3L | Empty Tube | - | - |
| | Tube | 30 | 53 x 4.1 x 0.75 |
| | Small box | 450 | 52 x 13 x 5 |
| | Carton box | 2,250 | 55 x 28 x 18 |
| TO-247PS-3L | Empty Tube | - | - |
| | Tube | 30 | 53 x 4.1 x 0.75 |
| | Small box | 450 | 52 x 13 x 5 |
| | Carton box | 2,250 | 55 x 28 x 18 |

SMD PACKING INFORMATION

| Package | | Quantity (pcs) | CBM (cm ³) | Pack |
|----------------------|------------|----------------|------------------------|-------|
| 1006-3L | Small box | 100,000 | 21 x 21 x 21 | DFN |
| | Carton box | 400,000 | 45 x 45 x 24 | |
| 2006-3L | Small box | 30,000 | 18.5 x 18.5 x 14 | DFN |
| | Carton box | 180,000 | 46 x 40 x 21 | |
| 2011-9L | Small box | 1,000 | 56.5 x 16 x 16 | TO-18 |
| | Carton box | 5,000 | 58 x 28.5 x 18.5 | |
| | Empty Tube | - | - | |
| 8080-4L | Reel | 3,000 | 13 inch | DFN |
| | Small box | 6,000 | 36.6 x 34.1 x 5.4 | |
| | Carton box | 300,000 | 37.5 x 30.0 x 35.5 | |
| 3030-8L | Small box | 10,000 | 36.6 x 34.1 x 5.4 | DFN |
| | Carton box | 15,000 | 37.5 x 30 x 35.5 | |
| DFN5060-8L | Small box | 10,000 | 36.6 x 34.1 x 5.4 | DFN |
| | Carton box | 15,000 | 37.5 x 30.0 x 35.5 | |
| PDFN3x3-8L | Small box | 10,000 | 36.6 x 34.1 x 5.4 | |
| | Carton box | 50,000 | 37.5 x 30 x 35.5 | |
| PDFN3x3-8L-D | Small box | 10,000 | 36.6 x 34.1 x 5.4 | |
| | Carton box | 50,000 | 37.5 x 30 x 35.5 | |
| PDFN5x6-8L | Small box | 3,000 | 36.6 x 34.1 x 5.4 | |
| | Carton box | 15,000 | 37.5 x 30 x 35.5 | |
| PDFN5x6-8L-D | Small box | 3,000 | 36.6 x 34.1 x 5.4 | |
| | Carton box | 15,000 | 37.5 x 30 x 35.5 | |
| PDFN5x6-8L-W | Small box | 3,000 | 36.6 x 34.1 x 5.4 | |
| | Carton box | 15,000 | 37.5 x 30 x 35.5 | |
| PowerJE®7x8 (sTOLL) | Small box | 3,000 | 36.6 x 34.1 x 5.4 | |
| | Carton box | 15,000 | 37.5 x 30 x 35.5 | |
| PowerJE®8x8 | Small box | 3,000 | 36.6 x 34.1 x 5.4 | |
| | Carton box | 15,000 | 37.5 x 30 x 35.5 | |
| PowerJE®10x12 (TOLL) | Small box | 2,000 | 36.6 x 34.1 x 5.4 | |
| | Carton box | 10,000 | 37.5 x 30 x 35.5 | |
| SOT-23 | Small box | 30,000 | 21 x 21 x 21 | |
| | Carton box | 120,000 | 44 x 44 x 23 | |
| SOT-23-3L | Small box | 30,000 | 21 x 21 x 21 | |
| | Carton box | 120,000 | 44 x 44 x 23 | |
| SOT-23-6L | Small box | 30,000 | 21 x 21 x 21 | |
| | Carton box | 120,000 | 44 x 44 x 23 | |
| SOT-223-3L | Small box | 8,000 | 35 x 34 x 5 | |
| | Carton box | 40,000 | 36.5 x 36 x 25.5 | |
| SOT-363-6L | Small box | 45,000 | 21 x 21 x 21 | |
| | Carton box | 180,000 | 44 x 44 x 23 | |
| SOT-523-3L | Small box | 30,000 | 21 x 21 x 21 | |
| | Carton box | 180,000 | 44 x 44 x 23 | |
| SOT-563-6L | Small box | 30,000 | 21 x 21 x 21 | |
| | Carton box | 180,000 | 44 x 44 x 23 | |
| SOT-723-3L | Small box | 45,000 | 21 x 21 x 21 | |
| | Carton box | 180,000 | 44 x 44 x 23 | |
| TO-252-3L | Small box | 2,500 | 35 x 34 x 5 | |
| | Carton box | 25,000 | 36.5 x 36 x 25.5 | |
| TO-263-3L | Empty Tube | - | - | |
| | Tube | 50 | 53 x 3.3 x 0.7 | |
| | Small box | 800 | 35 x 34 x 5 | |
| | Carton box | 4,000 | 36.5 x 36 x 25.5 | |
| TO-263-7L | Empty Tube | - | - | |
| | Tube | 50 | 53 x 3.3 x 0.7 | |
| | Small box | 800 | 35 x 34 x 5 | |
| | Carton box | 4,000 | 36.5 x 36 x 25.5 | |
| SOP-8 | Small box | 8,000 | 34 x 33 x 5.1 | |
| | Carton box | 48,000 | 37 x 37 x 36 | |
| TSOP-8 | Small box | 10,000 | 34 x 33 x 5.1 | |
| | Carton box | 60,000 | 37 x 37 x 36 | |

▶▶ 长期可靠性检测

LONG-TERM RELIABILITY

实验室 LABORATORY



HAST/HTRB



XRF Coating Thickness Gauge



TC



HTRB



PC/Auto-clave



IOL



High Temperature Solder Re-flow Furnace

▶▶ 产品失效分析

FAILURE ANALYSIS

实验室 LABORATORY



Laser Dener/Cutter



Scanning Acoustic Microscope



Chamber of Wet Chemical Decapsulation



Scanning Electronic Microscope



Precision Lapping & Polishing Machine



High Resolution X-ray Inspection System



3-Axis Measuring Microscope



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