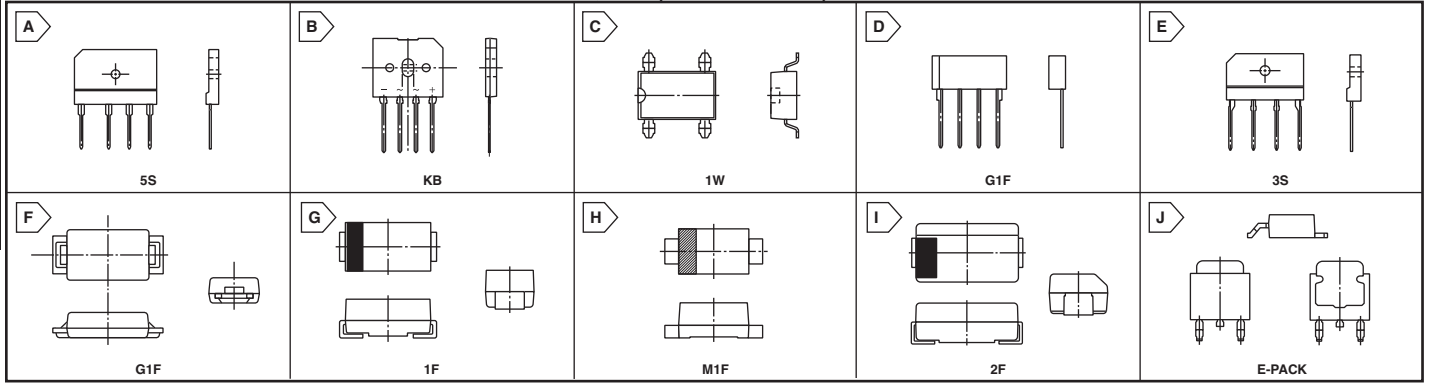
 This product is RoHS compliant.

Diodes & Rectifiers

Shindengen



SHINDENGEN BRIDGE RECTIFIERS (CONT.)

*UL Recognized (UL File No. E142422)

For quantities of 2000 and up, call for quote.

| MOUSER STOCK NO. | | Fig. | Package | Absolute Max Ratings | | | | | Electrical Characteristics | | | | | | Price Each | | | | |
|------------------|--------------------|------|---------|----------------------|--------------------|----------|---------|------------|----------------------------|------------|-------------------|--------------------|---------------|----------------|----------------|-------|-------|-------|------|
| Mfr. | Mfr. Part Number | | | Io (A) | Conditions Tc (°C) | IFSM (A) | VRM (V) | Tstg (°C) | Tj (°C) | VF Max (V) | Conditions IF (A) | IR Max VR=VRM (μA) | θj Max (°C/W) | θja Max (°C/W) | θjc Max (°C/W) | 1 | 100 | 200 | 1000 |
| * | 627—D15XB60-7000 | A | 5S | 15 | 100 | 200 | 600 | -40 to 150 | 150 | 1.1 | 7.5 | 10 | 5 | 22 | 1.5 | 1.05 | .88 | .79 | .56 |
| * | 627—D15XB60H-7000 | A | 5S | 15 | 107 | 240 | 600 | -40 to 150 | 150 | 1.05 | 7.5 | 10 | 5 | 22 | 1.5 | 1.50 | 1.25 | 1.13 | .80 |
| * | 627—D15XB80-7000 | A | 5S | 15 | 100 | 200 | 800 | -40 to 150 | 150 | 1.1 | 7.5 | 10 | 5 | 22 | 1.5 | 1.50 | 1.25 | 1.13 | .80 |
| * | 627—US15KB80R-7000 | B | KB | 15 | 101 | 200 | 800 | -55 to 150 | 150 | 1.1 | 7.5 | 10 | 5 | 35 | 1.5 | 1.01 | .85 | .76 | .54 |
| * | 627—D20XB60-7000 | A | 5S | 20 | 87 | 240 | 600 | -40 to 150 | 150 | 1.1 | 10 | 10 | 5 | 22 | 1.5 | 1.28 | 1.06 | .96 | .68 |
| * | 627—D20XB80-7000 | A | 5S | 20 | 87 | 240 | 800 | -40 to 150 | 150 | 1.1 | 10 | 10 | 5 | 22 | 1.5 | 1.28 | 1.06 | .96 | .68 |
| * | 627—D25XB60-7000 | A | 5S | 25 | 98 | 350 | 600 | -40 to 150 | 150 | 1.05 | 12.5 | 10 | 5 | 22 | 1.0 | 1.39 | 1.16 | 1.04 | .74 |
| * | 627—D25XB80-7000 | A | 5S | 25 | 98 | 350 | 800 | -40 to 150 | 150 | 1.05 | 12.5 | 10 | 5 | 22 | 1.0 | 1.39 | 1.16 | 1.04 | .74 |
| * | 627—US30KB80R-7000 | B | KB | 30 | 97 | 350 | 800 | -55 to 150 | 150 | 1.1 | 15 | 10 | 5 | 35 | 0.8 | 1.33 | 1.11 | 1.00 | .71 |
| * | 627—D50XB80-7000 | B | KB | 50 | 95 | 600 | 800 | -40 to 150 | 150 | 1.05 | 25 | 10 | --- | 16 | 0.5 | 14.73 | 12.28 | 11.05 | 7.86 |

SHINDENGEN LOW NOISE BRIDGE DIODES

◆ Surface Mount Device

*UL Recognized (UL File No. E142422)

For quantities of 2000 and up, call for quote.

| MOUSER STOCK NO. | | Fig. | Package | Absolute Max Ratings | | | | | Electrical Characteristics | | | | | | Price Each | | | | | |
|------------------|-------------------|------|---------|----------------------|--------------------|----------|---------|------------|----------------------------|------------|-------------------|--------------------|----------------------------|---------------|----------------|----------------|------|------|------|------|
| Mfr. | Mfr. Part Number | | | Io (A) | Conditions Tc (°C) | IFSM (A) | VRM (V) | Tstg (°C) | Tj (°C) | VF Max (V) | Conditions IF (A) | IR Max VR=VRM (μA) | t _{rr} (Max) (μs) | θj Max (°C/W) | θja Max (°C/W) | θjc Max (°C/W) | 1 | 100 | 200 | 1000 |
| ◆ | 627—LN1WBA60-7102 | C | 1W | 1.1 | 25 | 50 | 600 | -40 to 150 | 150 | 1 | 0.55 | 10 | 5 | 10 | 65 | --- | .49 | .41 | .37 | .26 |
| ◆ | 627—LN1VB60-7000 | D | 1V | 1.2 | 25 | 50 | 600 | -40 to 150 | 150 | 1 | 0.6 | 10 | 5 | 16 | 62 | --- | .50 | .42 | .37 | .27 |
| * | 627—LN4SB60-7000 | E | 3S | 4 | 111 | 150 | 600 | -40 to 150 | 150 | 0.95 | 2 | 10 | 5 | 6 | 30 | 5.5 | .99 | .82 | .74 | .53 |
| * | 627—LN6SB60-7000 | A | 5S | 6 | 111 | 170 | 600 | -40 to 150 | 150 | 1.05 | 3 | 10 | 5 | 5 | 26 | 3.4 | 1.33 | 1.11 | 1.00 | .71 |
| ◆ | 627—LN25XB60-7000 | A | 5S | 25 | 85 | 350 | 600 | -55 to 150 | 150 | 1.05 | 12.5 | 10 | 5 | 5 | 23 | 1.3 | 3.62 | 3.02 | 2.72 | 1.93 |

SHINDENGEN SCHOTTKY BARRIER DIODES

◆ Surface Mount Device

For quantities of 2000 and up, call for quote.

| MOUSER STOCK NO. | | Fig. | Package | Absolute Max Ratings | | | | | Electrical Characteristics | | | | | | Price Each | | | | | |
|------------------|------------------|------|---------|----------------------|--------|--------------------|------------|------------|----------------------------|------------|-------------------|--------------------|---------------|---------------|----------------|----------------|-----|-----|-----|------|
| Mfr. | Mfr. Part Number | | | VRM (V) | Io (A) | Conditions Tc (°C) | IFSM (A) | Tstg (°C) | Tj (°C) | VF Max (V) | Conditions IF (A) | IR Max VR=VRM (μA) | Cj (Typ) (pF) | θj Max (°C/W) | θja Max (°C/W) | θjc Max (°C/W) | 1 | 100 | 200 | 1000 |
| ◆ | 627—DG1H3-5063 | F | G1F | 30 | 1 | 113 | 20 | -55 to 125 | 125 | 0.36 | 0.7 | 1 | 37 | 25 | 70 | 22 | .18 | .15 | .13 | .094 |
| ◆ | 627—DG1M3-5063 | F | G1F | 30 | 1 | 27 | 20 | -55 to 150 | 150 | 0.46 | 0.7 | 0.05 | 36 | 25 | 70 | 22 | .17 | .14 | .13 | .091 |
| ◆ | 627—DG1S4-5063 | F | G1F | 40 | 1 | 36 | 30 | -55 to 150 | 150 | 0.55 | 0.7 | 0.8 | 37 | 20 | 70 | --- | .15 | .12 | .11 | .078 |
| ◆ | 627—DG1S6-5063 | F | G1F | 60 | 1 | 30 | 30 | -55 to 150 | 150 | 0.58 | 0.7 | 1 | 32 | 20 | 70 | --- | .16 | .13 | .12 | .085 |
| ◆ | 627—DG1J10A-5063 | F | G1F | 100 | 1 | 125 | 30 | -55 to 150 | 150 | 0.82 | 1 | 0.1 | 43 | 20 | 70 | --- | .20 | .16 | .15 | .10 |
| ◆ | 627—D1FJ10-5063 | G | 1F | 100 | 1 | 59 | 50 | -55 to 150 | 150 | 0.72 | 1 | 0.2 | 63 | 23 | 108 | --- | .36 | .30 | .27 | .19 |
| ◆ | 627—D1FS4-5063 | G | 1F | 40 | 1.1 | 51 | 30 | -55 to 150 | 150 | 0.55 | 1.1 | 1 | 65 | 23 | 108 | --- | .24 | .20 | .18 | .13 |
| ◆ | 627—D1FS6-5063 | G | 1F | 60 | 1.1 | 25 | 40 | -55 to 150 | 150 | 0.58 | 1.1 | 1 | 50 | 23 | 108 | --- | .21 | .17 | .16 | .11 |
| ◆ | 627—M1FS6-5063 | H | M1F | 60 | 1.2 | 25 | 40 | -55 to 150 | 150 | 0.58 | 1.1 | 1 | 53 | 20 | 108 | --- | .31 | .26 | .23 | .17 |
| ◆ | 627—M1FP3-5063 | H | M1F | 30 | 1.29 | 25 | 30 | -55 to 125 | 125 | 0.35 | 0.4 | 2.5 | 90 | 20 | 108 | --- | .23 | .19 | .17 | .12 |
| ◆ | 627—M1FS4-5063 | H | M1F | 40 | 1.33 | 25 | 30 | -55 to 150 | 150 | 0.55 | 1.1 | 0.8 | 50 | 20 | 108 | --- | .22 | .18 | .16 | .12 |
| ◆ | 627—DG1H3A-5063 | F | G1F | 30 | 1.5 | 107 | 30 | -55 to 125 | 125 | 0.36 | 1.4 | 1 | 70 | 25 | 70 | 22 | .21 | .17 | .16 | .11 |
| ◆ | 627—DG1M3A-5063 | F | G1F | 30 | 1.5 | 37 | 30 | -55 to 150 | 150 | 0.46 | 1.5 | 0.05 | 70 | 25 | 70 | 22 | .20 | .17 | .15 | .11 |
| ◆ | 627—M1FH3-5063 | H | M1F | 30 | 1.5 | 105 | 30 | -55 to 125 | 125 | 0.3 | 0.5 | 1 | 80 | 20 | 80 | 18 | .31 | .26 | .23 | .17 |
| ◆ | 627—M1FJ4-5063 | H | M1F | 40 | 1.5 | 31 | 30 | -55 to 150 | 150 | 0.57 | 1 | 0.05 | 65 | 20 | 108 | --- | .24 | .20 | .18 | .13 |
| ◆ | 627—D1FS4A-5063 | G | 1F | 40 | 1.5 | 28 | 60 | -55 to 150 | 150 | 0.45 | 1.1 | 2 | 95 | 23 | 108 | --- | .42 | .35 | .31 | .22 |
| ◆ | 627—D2FS4-5063 | I | 2F | 40 | 1.6 | 34 | 60 | -55 to 150 | 150 | 0.55 | 1.6 | 2.5 | 150 | 24 | 90 | --- | .90 | .75 | .68 | .48 |
| ◆ | 627—D1FJ4-5063 | G | 1F | 40 | 2 | 117 | 50 | -55 to 150 | 150 | 0.57 | 1.5 | 0.2 | 96 | 23 | 108 | --- | .34 | .28 | .25 | .18 |
| ◆ | 627—D1FP3-5063 | G | 1F | 30 | 2 | 98 | 60 | -55 to 125 | 125 | 0.4 | 2 | 4.5 | 130 | 23 | 108 | --- | .25 | .21 | .19 | .13 |
| ◆ | 627—D3FS4A-5063 | I | 2F | 40 | 2.6 | 34 | 150 | -55 to 150 | 150 | 0.45 | 2.6 | 5 | 340 | 23 | 80 | --- | .66 | .55 | .50 | .35 |
| ◆ | 627—M1FM3-5063 | H | M1F | 30 | 3 | 100 | 30 | -55 to 150 | 150 | 0.4 | 0.5 | 0.05 | 80 | 20 | 80 | 18 | .25 | .21 | .18 | .13 |
| ◆ | 627—D1FH3-5063 | G | 1F | 30 | 3 | 95 | 60 | -55 to 125 | 125 | 0.3 | 1 | 1 | 130 | 18 | 65 | 16 | .34 | .28 | .25 | .18 |
| ◆ | 627—DE3S4M-7101 | J | E-Pack | 40 | 3 | 121 | 70 | -40 to 150 | 150 | 0.55 | 3 | 2.5 | 150 | --- | 55 | 12 | .75 | .63 | .56 | .40 |
| ◆ | 627—D3FS6-5063 | I | 2F | 60 | 3 | 80 | -55 to 150 | 150 | 0.58 | 3 | 2.5 | 130 | 24 | 90 | --- | .55 | .46 | .41 | .29 | |
| ◆ | 627—DE3S6M-7101 | J | E-Pack | 60 | 3 | 117 | 80 | -40 to 150 | 150 | 0.58 | 3 | 2.5 | 130 | --- | 55 | 12 | .75 | .63 | .56 | .40 |
| ◆ | 627—D3FJ10-5063 | I | 2F | 100 | 3 | 92 | 100 | -55 to 150 | 150 | 0.74 | 3 | 0.4 | 143 | 23 | 115 | --- | .55 | .46 | .41 | .29 |
| ◆ | 627—D3FP3-5063 | I | 2F | 30 | 3 | 74 | 150 | -55 to 125 | 125 | 0.4 | 3 | 10 | 300 | 24 | 90 | --- | .63 | .53 | .47 | .34 |