

Rectifier Diodes

SQIP Bridge Diodes

Input/Output in-line terminal

| Parts No. | Absolute Maximum Ratings | | | | | | Electrical Characteristics | | | | | | | Outline | |
|-----------|--------------------------|-----------------------|--------------------------------------|-------------------------|--------------------------|------------------------|--------------------------------|-------------------------------------|--|--------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|---------|------|
| | V _{RM} [V] | I _O [A] | Conditions T _c [°C] | I _{FSM} [A] | T _{stg} [°C] | T _j [°C] | V _F (max) [V] | Conditions I _F [A] | I _R (max) V _R =V _{RM} [μA] | V _Z (min) [V] | θ _J (max) [°C/W] | θ _{J-a} (max) [°C/W] | θ _{J-c} (max) [°C/W] | Package | Fig. |
| S3WB20 | 200 | 2.3 | 40* | 120 | -40~150 | 150 | 1.05 | 2 | 10 | — | 5.5 | 26.5 | — | — | 29 |
| 60 | 600 | | | | | | | | | 1000 | | | | | |
| 60Z*1 | 600 | | | | | | | | | | | | | | |
| S10WB20 | 200 | 10 | 74 | 170 | | | | | | | | | | | |
| 60 | 600 | | | | | | | | | 5 | 4 | 24 | 3.9 | | |
| S15WB20 | 200 | 15 | 77 | 200 | | | | | | | | | | | |
| 60 | 600 | | | | 7.5 | 2 | 19 | 2.5 | | | | | | | |
| S20WB20 | 200 | 20 | 76 | 500 | | | | | | | | | | | |
| 60 | 600 | | | | 10 | 17 | 2 | | | | | | | | |

*: T_c *1: Avalanche diode

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|-----------|--------------------------|-----------------------|--------------------------------------|-------------------------|--------------------------|------------------------|--------------------------------|-------------------------------------|--|--------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|---------|------|
| | V _{RM} [V] | I _O [A] | Conditions T _c [°C] | I _{FSM} [A] | T _{stg} [°C] | T _j [°C] | V _F (max) [V] | Conditions I _F [A] | I _R (max) V _R =V _{RM} [μA] | V _Z (min) [V] | θ _J (max) [°C/W] | θ _{J-a} (max) [°C/W] | θ _{J-c} (max) [°C/W] | Package | Fig. |
| S2VB20 | 200 | 2 | 40 | 40 | -40~150 | 150 | 1.05 | 1 | 10 | — | 7 | — | — | — | 33 |
| 60 | 600 | | | | | | | | | | | | | | |
| S4VB20 | 200 | 4 | 80 | 200 | | | | | | | | | | | |
| 60 | 600 | | | | | | | | | | 2 | 4.5 | 3.4*1 | | |
| D5FB20 | 200 | 5 | 30 | 200 | | | | | | | | | | | |
| 60 | 600 | | | | | | | | | | 2.5 | 2.5 | 14.7 | | |
| 40Z | 400 | 6*2 | 44 | 120 | | | | | | | | | | | |
| S5VB20 | 200 | 6 | 40 | 200 | | | | | | | | | | | |
| 60 | 600 | | | | 3 | 500 | — | 4*2 | | | | | | | |
| S10VB20 | 200 | 10 | 200 | 200 | | | | | | | | | | | |
| 60 | 600 | | | | 5 | 3 | 3 | 3.1*1 | | | | | | | |
| S15VB20 | 200 | 15*1 | 83* | 400 | | | | | | | | | | | |
| 60 | 600 | | | | 7.5 | — | — | 2.3 | | | | | | | |
| S25VB20 | 200 | 25*1 | 85* | 400 | | | | | | | | | | | |
| 60 | 600 | | | | 12.5 | — | — | 1.5 | | | | | | | |
| ☆ S50VB60 | 200 | 50*1 | 95* | 500 | | | | | | | | | | | |
| ☆ 80 | 800 | | | | 25 | — | — | 0.5 | | | | | | | |

*: T_c *1: With heatsink *2: With heatsink 100cm²×1.5t Al

☆: New Products