



Silicon Carbide (SiC) Schottky Diode – EliteSiC, 20 A, 650 V, D1, TO-247-3L

FFSH2065ADN-F155

Description

Silicon Carbide (SiC) Schottky Diodes use a completely new technology that provides superior switching performance and higher reliability compared to Silicon. No reverse recovery current, temperature independent switching characteristics, and excellent thermal performance sets Silicon Carbide as the next generation of power semiconductor. System benefits include highest efficiency, faster operating frequency, increased power density, reduced EMI, and reduced system size and cost.

Features

- Max Junction Temperature 175°C
- Avalanche Rated 64 mJ
- High Surge Current Capacity
- Positive Temperature Coefficient
- Ease of Paralleling
- No Reverse Recovery/No Forward Recovery
- This Device is Pb-Free, Halogen Free/BFR Free and RoHS Compliant

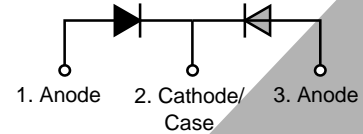
Applications

- General Purpose
- SMPS, Solar Inverter, UPS
- Power Switching Circuits

1 2 3

TO-247-3LD

c64d co724 /lm1 DoT1 0 G.7TDw -362.608 cm-3



A = Assembly Plant Code
YWW = Date Code (Year & Week)
KK = Lot Traceability Code
FFSH2065ADN = Specific Device Code

THIS DEVICE IS NOT RECOMMENDED FOR REPRESENTATIVE

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