

Product Overview

FFSH4065ADN-F155: SiC Diode, 650V, 40A, TO-247-3, Common Cathode

For complete documentation, see the data sheet.

Silicon Carbide (SiC) Schottky Diodes use a completely new technology that provides superior switching performance and higher reliability 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
- High Surge Current Capacity
- Positive Temperature Coefficient
- No Reverse Recovery / No Forward Recovery

Applications

- PFC
- Industrial Power
- Solar
- EV Charger
- UPS

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Device Grade	Configuration	V _{RRM} (V)	I _{F(ave)} (A)	V _F (Max)	I _{FSM} (A)	I _R (Max) (μA)	Package Type
FFSH4065ADN-F155	9.2798	Pb-free Halide free non AEC-Q and PPAP	Active	Commercial	Dual Common Cathode	650	40	1.75			TO-247-3

For more information please contact your local sales support at www.onsemi.com.

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