

# STTH1002CSF Datasheet



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DiGi Electronics Part Number	STTH1002CSF-DG
Manufacturer	<a href="#">STMicroelectronics</a>
Manufacturer Product Number	STTH1002CSF
Description	DIODE ARRAY GP 200V 5A TO277A
Detailed Description	Diode Array 1 Pair Common Cathode 200 V 5A Surface Mount TO-277, 3-PowerDFN

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## Purchase and inquiry

Manufacturer Product Number:

STTH1002CSF

Series:

ECOPACK®2

Diode Configuration:

1 Pair Common Cathode

Voltage - DC Reverse (Vr) (Max):

200 V

Voltage - Forward (Vf) (Max) @ If:

1.05 V @ 5 A

Reverse Recovery Time (trr):

35 ns

Operating Temperature - Junction:

175°C

Package / Case:

TO-277, 3-PowerDFN

Base Product Number:

STTH1002

Manufacturer:

STMicroelectronics

Product Status:

Active

Technology:

Standard

Current - Average Rectified (Io) (per Diode):

5A

Speed:

Fast Recovery =< 500ns, > 200mA (Io)

Current - Reverse Leakage @ Vr:

4 µA @ 200 V

Mounting Type:

Surface Mount

Supplier Device Package:

TO-277A (SMPC)

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.10.0080

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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