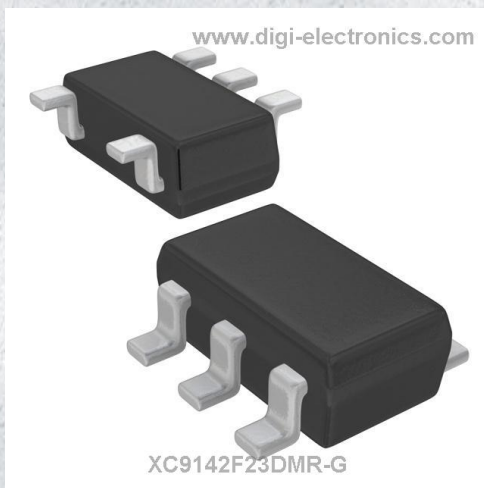


XC9142F23DMR-G Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	XC9142F23DMR-G-DG
Manufacturer	Torex Semiconductor Ltd
Manufacturer Product Number	XC9142F23DMR-G
Description	IC REG BOOST 2.3V 500MA SOT25
Detailed Description	Boost Switching Regulator IC Positive Fixed 2.3V 1 Output 500mA SC-74A, SOT-753

This model XC9142F23DMR-G is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

XC9142F23DMR-G

Series:

XC9142

Function:

Step-Up

Topology:

Boost

Number of Outputs:

1

Voltage - Input (Max):

6V

Voltage - Output (Max):

-

Frequency - Switching:

3MHz

Operating Temperature:

-40°C ~ 85°C (TA)

Package / Case:

SC-74A, SOT-753

Base Product Number:

XC9142

Manufacturer:

Torex Semiconductor Ltd

Product Status:

Active

Output Configuration:

Positive

Output Type:

Fixed

Voltage - Input (Min):

0.65V

Voltage - Output (Min/Fixed):

2.3V

Current - Output:

500mA

Synchronous Rectifier:

Yes

Mounting Type:

Surface Mount

Supplier Device Package:

SOT-25

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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