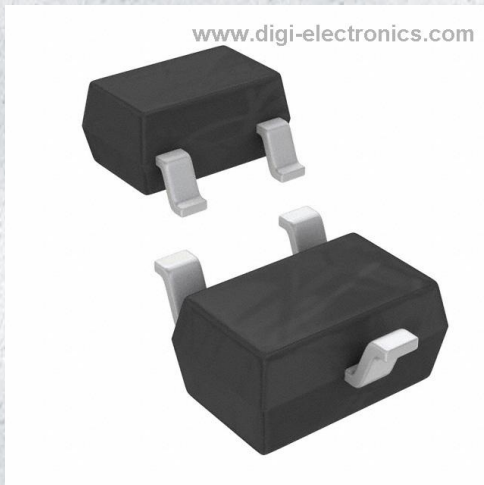


XP233N05013R-G Datasheet



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

DiGi Electronics Part Number	XP233N05013R-G-DG
Manufacturer	Torex Semiconductor Ltd
Manufacturer Product Number	XP233N05013R-G
Description	MOSFET N-CH 30V 500MA SOT323-3
Detailed Description	N-Channel 30 V 500mA (Ta) 350mW (Ta) Surface Mount SOT-323-3A

This model XP233N05013R-G is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

XP233N05013R-G

Series:

-

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

30 V

Drive Voltage (Max Rds On, Min Rds On):

2.5V, 4.5V

Vgs(th) (Max) @ Id:

1.7V @ 250µA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

150°C (TJ)

Supplier Device Package:

SOT-323-3A

Base Product Number:

XP233

Manufacturer:

Torex Semiconductor Ltd

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

Current - Continuous Drain (Id) @ 25°C:

500mA (Ta)

Rds On (Max) @ Id, Vgs:

1.50hm @ 100mA, 4.5V

Gate Charge (Qg) (Max) @ Vgs:

0.78 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

40 pF @ 10 V

Power Dissipation (Max):

350mW (Ta)

Mounting Type:

Surface Mount

Package / Case:

SC-70, SOT-323

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.21.0095

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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