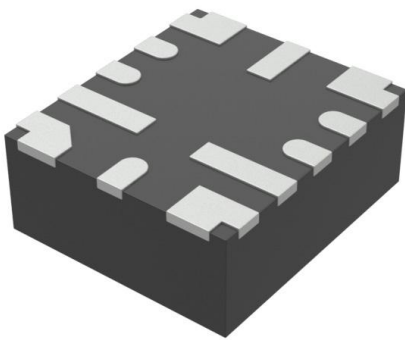


TPS7A5301RPSR Datasheet

www.digi-electronics.com



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DiGi Electronics Part Number	TPS7A5301RPSR-DG
Manufacturer	Texas Instruments
Manufacturer Product Number	TPS7A5301RPSR
Description	IC REG LINEAR POS ADJ 4A 12VQFN
Detailed Description	Linear Voltage Regulator IC Positive Adjustable 1 Output 4A 12-VQFN-HR (2.2x2.5)

This model TPS7A5301RPSR is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

TPS7A5301RPSR

Series:

-

Output Configuration:

Positive

Number of Regulators:

1

Voltage - Output (Min/Fixed):

0.8V

Voltage Dropout (Max):

0.375V @ 3A

Current - Quiescent (Iq):

4 mA

PSRR:

35dB ~ 44dB (10kHz ~ 500kHz)

Protection Features:

Over Current, Over Temperature, Under Voltage Lockout (UVLO)

Mounting Type:

Surface Mount

Supplier Device Package:

12-VQFN-HR (2.2x2.5)

Manufacturer:

Texas Instruments

Product Status:

Active

Output Type:

Adjustable

Voltage - Input (Max):

6.5V

Voltage - Output (Max):

5.15V

Current - Output:

4A

Current - Supply (Max):

5.5 mA

Control Features:

Enable, Power Good, Soft Start

Operating Temperature:

-40°C ~ 125°C (TJ)

Package / Case:

12-VFQFN

Base Product Number:

TPS7A5301

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

2 (1 Year)

ECCN:

EAR99

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