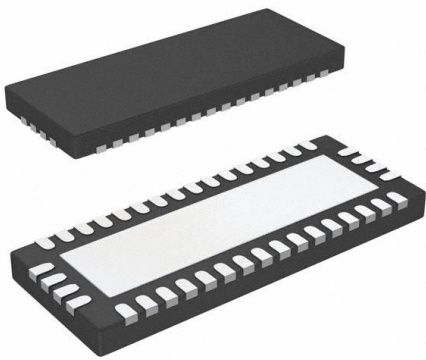


DS160PR412RUAR Datasheet

www.digi-electronics.com



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

DiGi Electronics Part Number	DS160PR412RUAR-DG
Manufacturer	Texas Instruments
Manufacturer Product Number	DS160PR412RUAR
Description	PCIE 4.0, 16-GBPS, 4-CHANNEL LIN
Detailed Description	Buffer, ReDriver 4 Channel 16Gbps 42-WQFN (3.5x9)

This model DS160PR412RUAR is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

DS160PR412RUAR

Series:

-

Type:

Buffer, ReDriver

Input:

LVC MOS

Data Rate (Max):

16Gbps

Delay Time:

80ps

Capacitance - Input:

1.5 pF

Current - Supply:

145mA

Mounting Type:

Surface Mount

Supplier Device Package:

42-WQFN (3.5x9)

Manufacturer:

Texas Instruments

Product Status:

Active

Applications:

PCI Express

Output:

Differential

Number of Channels:

4

Signal Conditioning:

Input Equalization, Output De-Emphasis

Voltage - Supply:

3V ~ 3.6V

Operating Temperature:

-40°C ~ 85°C (TA)

Package / Case:

42-WFQFN Exposed Pad

Base Product Number:

DS160PR412

Environmental & Export classification

RoHS Status:

Not applicable

ECCN:

EAR99

Moisture Sensitivity Level (MSL):

2 (1 Year)

HTSUS:

8542.39.0001

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