

ISO7820DWR Datasheet



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DiGi Electronics Part Number	ISO7820DWR-DG
Manufacturer	Texas Instruments
Manufacturer Product Number	ISO7820DWR
Description	DGTL ISO 5700VRMS 2CH GP 16SOIC
Detailed Description	General Purpose Digital Isolator 5700Vrms 2 Channel 100Mbps 100kV/ μ s CMTI 16-SOIC (0.295", 7.50mm Width)

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Purchase and inquiry

Manufacturer Product Number:

ISO7820DWR

Series:

-

Technology:

Capacitive Coupling

Isolated Power:

No

Inputs - Side 1/Side 2:

2/0

Voltage - Isolation:

5700Vrms

Data Rate:

100Mbps

Pulse Width Distortion (Max):

4.6ns

Voltage - Supply:

2.25V ~ 5.5V

Mounting Type:

Surface Mount

Supplier Device Package:

16-SOIC

Manufacturer:

Texas Instruments

Product Status:

Active

Type:

General Purpose

Number of Channels:

2

Channel Type:

Unidirectional

Common Mode Transient Immunity (Min):

100kV/ μ s

Propagation Delay tpLH / tpHL (Max):

16ns, 16ns

Rise / Fall Time (Typ):

2.4ns, 2.4ns

Operating Temperature:

-55°C ~ 125°C

Package / Case:

16-SOIC (0.295", 7.50mm Width)

Base Product Number:

ISO7820

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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