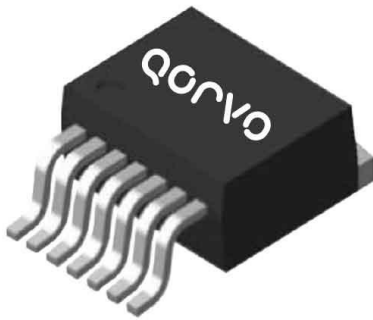


UJ4C075044B7S Datasheet

www.digi-electronics.com



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DiGi Electronics Part Number	UJ4C075044B7S-DG
Manufacturer	Qorvo
Manufacturer Product Number	UJ4C075044B7S
Description	750V/44MOHM, N-OFF SIC CASCODE,
Detailed Description	N-Channel 750 V 35.6A (Tc) 181W (Tc) Surface Mount D2PAK-7

This model UJ4C075044B7S is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

UJ4C075044B7S

Series:

-

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

750 V

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

12V

Vgs(th) (Max) @ Id:

6V @ 10mA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 175°C (Tj)

Supplier Device Package:

D2PAK-7

Base Product Number:

UJ4C075

Manufacturer:

Qorvo

Product Status:

Active

Technology:

SiCFET (Cascode SiCFET)

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

35.6A (Tc)

Rds On (Max) @ Id, Vgs:

56mOhm @ 25A, 12V

Gate Charge (Qg) (Max) @ Vgs:

37.8 nC @ 15 V

Input Capacitance (Ciss) (Max) @ Vds:

1400 pF @ 400 V

Power Dissipation (Max):

181W (Tc)

Mounting Type:

Surface Mount

Package / Case:

TO-263-8, D2PAK (7 Leads + Tab), TO-263CA

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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