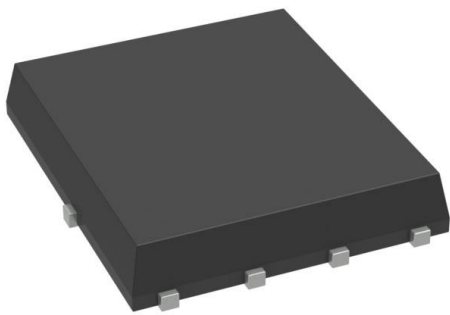


# FDMS7672AS Datasheet

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DiGi Electronics Part Number	FDMS7672AS-DG
Manufacturer	<a href="#">onsemi</a>
Manufacturer Product Number	FDMS7672AS
Description	MOSFET N-CH 30V 19A/42A 8PQFN
Detailed Description	N-Channel 30 V 19A (Ta), 42A (Tc) 2.5W (Ta), 46W (Tc) Surface Mount 8-PQFN (5x6)

This model FDMS7672AS is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

FDMS7672AS

Series:

PowerTrench®, SyncFET™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

30 V

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

4.5V, 10V

Vgs(th) (Max) @ Id:

3V @ 1mA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

8-PQFN (5x6)

Base Product Number:

FDMS7672

Manufacturer:

onsemi

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

19A (Ta), 42A (Tc)

Rds On (Max) @ Id, Vgs:

4mOhm @ 18A, 10V

Gate Charge (Qg) (Max) @ Vgs:

46 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

2820 pF @ 15 V

Power Dissipation (Max):

2.5W (Ta), 46W (Tc)

Mounting Type:

Surface Mount

Package / Case:

8-PowerTDFN

## 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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