

# MCU50N06-TP Datasheet

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DiGi Electronics Part Number	MCU50N06-TP-DG
Manufacturer	<a href="#">Micro Commercial Co</a>
Manufacturer Product Number	MCU50N06-TP
Description	MOSFET N-CH
Detailed Description	N-Channel 60 V 50A 1.25W Surface Mount DPAK

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## Purchase and inquiry

Manufacturer Product Number:

MCU50N06-TP

Series:

-

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

60 V

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

10V

Vgs(th) (Max) @ Id:

2.5V @ 250µA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

DPAK

Base Product Number:

MCU50

Manufacturer:

Micro Commercial Co

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

50A

Rds On (Max) @ Id, Vgs:

20mOhm @ 20A, 10V

Gate Charge (Qg) (Max) @ Vgs:

30 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

900 pF @ 25 V

Power Dissipation (Max):

1.25W

Mounting Type:

Surface Mount

Package / Case:

TO-252-3, DPAK (2 Leads + Tab), SC-63

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

ECCN:

EAR99

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

8541.29.0095

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