

MIC4452CT Datasheet



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DiGi Electronics Part Number	MIC4452CT-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	MIC4452CT
Description	IC GATE DRVR LOW-SIDE TO220-5
Detailed Description	Low-Side Gate Driver IC Non-Inverting TO-220-5

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Manufacturer Product Number:

MIC4452CT

Series:

-

DiGi-Electronics Programmable:

Not Verified

Channel Type:

Single

Gate Type:

IGBT, N-Channel MOSFET

Logic Voltage - VIL, VIH:

0.8V, 2.4V

Input Type:

Non-Inverting

Operating Temperature:

0°C ~ 70°C (TA)

Package / Case:

TO-220-5

Base Product Number:

MIC4452

Manufacturer:

Microchip Technology

Product Status:

Obsolete

Driven Configuration:

Low-Side

Number of Drivers:

1

Voltage - Supply:

4.5V ~ 18V

Current - Peak Output (Source, Sink):

12A, 12A

Rise / Fall Time (Typ):

20ns, 24ns

Mounting Type:

Through Hole

Supplier Device Package:

TO-220-5

Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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