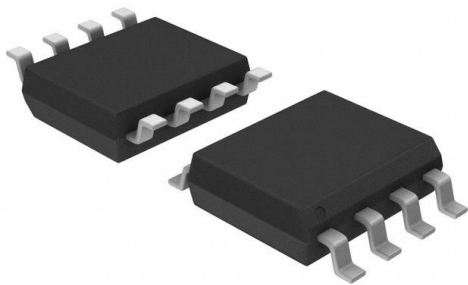


# MIC2076-1YM Datasheet

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DiGi Electronics Part Number	MIC2076-1YM-DG
Manufacturer	<a href="#">Microchip Technology</a>
Manufacturer Product Number	MIC2076-1YM
Description	IC PWR SWITCH N-CHAN 1:2 8SOIC
Detailed Description	Power Switch/Driver 1:2 N-Channel 1.25A 8-SOIC

This model MIC2076-1YM is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

MIC2076-1YM

**Series:**

-

**Switch Type:**

General Purpose

**Ratio - Input:Output:**

1:2

**Output Type:**

N-Channel

**Voltage - Load:**

2.7V ~ 5.5V

**Current - Output (Max):**

1.25A

**Input Type:**

Non-Inverting

**Fault Protection:**

Current Limiting (Fixed), Over Temperature, UVLO

**Mounting Type:**

Surface Mount

**Package / Case:**

8-SOIC (0.154", 3.90mm Width)

**Manufacturer:**

Microchip Technology

**Product Status:**

Active

**Number of Outputs:**

2

**Output Configuration:**

High Side

**Interface:**

On/Off

**Voltage - Supply (Vcc/Vdd):**

Not Required

**Rds On (Typ):**

90mOhm

**Features:**

Slew Rate Controlled, Status Flag

**Operating Temperature:**

-40°C ~ 85°C (TA)

**Supplier Device Package:**

8-SOIC

**Base Product Number:**

MIC2076

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8542.39.0001

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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