

# MPFS160T-1FC5G536E Datasheet



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DiGi Electronics Part Number	MPFS160T-1FC5G536E-DG
Manufacturer	<a href="#">Microchip Technology</a>
Manufacturer Product Number	MPFS160T-1FC5G536E
Description	IC SOC RISC-V 536LFBGA
Detailed Description	RISC-V System On Chip (SOC) IC PolarFire® FPGA - 1 61K Logic Modules 536-LFBGA

This model MPFS160T-1FC5G536E is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

MPFS160T-1FC5G536E

**Series:**

PolarFire®

**Architecture:**

MPU, FPGA

**Flash Size:**

128KB

**Peripherals:**

DMA, PCI, PWM

**Speed:**

-

**Operating Temperature:**

0°C ~ 100°C

**Supplier Device Package:**

536-LFBGA

**Manufacturer:**

Microchip Technology

**Product Status:**

Active

**Core Processor:**

RISC-V

**RAM Size:**

1.4125MB

**Connectivity:**

CAN, Ethernet, I2C, MMC, QSPI, SPI, UART/USART, USB OTG

**Primary Attributes:**

FPGA - 161K Logic Modules

**Package / Case:**

536-BGA

**Number of I/O:**

MCU - 136, FPGA - 312

## Environmental & Export classification

**Moisture Sensitivity Level (MSL):**

4 (72 Hours)

**REACH Status:**

REACH Unaffected

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