

# MPFS250T-1FCG1152I Datasheet



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DiGi Electronics Part Number	MPFS250T-1FCG1152I-DG
Manufacturer	<a href="#">Microchip Technology</a>
Manufacturer Product Number	MPFS250T-1FCG1152I
Description	IC SOC RISC-V 1152FCBGA
Detailed Description	RISC-V System On Chip (SOC) IC PolarFire® FPGA - 2 54K Logic Modules 1152-FCBGA (35x35)

This model MPFS250T-1FCG1152I is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

MPFS250T-1FCG1152I

**Series:**

PolarFire®

**Architecture:**

MPU, FPGA

**Flash Size:**

128KB

**Peripherals:**

DMA, PCI, PWM

**Speed:**

-

**Operating Temperature:**

-40°C ~ 100°C

**Supplier Device Package:**

1152-FCBGA (35x35)

**Manufacturer:**

Microchip Technology

**Product Status:**

Active

**Core Processor:**

RISC-V

**RAM Size:**

2.2MB

**Connectivity:**

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

**Primary Attributes:**

FPGA - 254K Logic Modules

**Package / Case:**

1152-BBGA, FCBGA

**Number of I/O:**

MCU - 136, FPGA - 372

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8542.31.0001

**Moisture Sensitivity Level (MSL):**

3 (168 Hours)

**ECCN:**

5A992C

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