

# MPFS250T-FCG1152E Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	MPFS250T-FCG1152E-DG
Manufacturer	<a href="#">Microchip Technology</a>
Manufacturer Product Number	MPFS250T-FCG1152E
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-FCG1152E is available at DiGi Electronics.

DiGi Electronics offers a global database of semiconductor and electronic component datasheets.

We welcome your inquiries regarding pricing, lead time, or other product-related questions.

 [Request a Quote](#)

 [Datasheet Search](#)



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.

## Purchase and inquiry

**Manufacturer Product Number:**

MPFS250T-FCG1152E

**Series:**

PolarFire®

**Architecture:**

MPU, FPGA

**Flash Size:**

128KB

**Peripherals:**

DMA, PCI, PWM

**Speed:**

-

**Operating Temperature:**

0°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):**

4 (72 Hours)

**ECCN:**

5A992C

## OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we stricly control the quality of products and services. Welcome your RFQ to

Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.