

MPFS250TS-1FCG1152I Datasheet



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DiGi Electronics Part Number	MPFS250TS-1FCG1152I-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	MPFS250TS-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)

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Manufacturer Product Number:

MPFS250TS-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):

4 (72 Hours)

ECCN:

5A992C

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