

MPFS160TS-1FCVG784I Datasheet



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DiGi Electronics Part Number	MPFS160TS-1FCVG784I-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	MPFS160TS-1FCVG784I
Description	IC SOC RISC-V 784FCBGA
Detailed Description	RISC-V System On Chip (SOC) IC PolarFire® FPGA - 1 61K Logic Modules 784-FCBGA (23x23)

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Manufacturer Product Number:

MPFS160TS-1FCVG784I

Series:

PolarFire®

Architecture:

MPU, FPGA

Flash Size:

128KB

Peripherals:

DMA, PCI, PWM

Speed:

-

Operating Temperature:

-40°C ~ 100°C

Supplier Device Package:

784-FCBGA (23x23)

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:

784-BFBGA, FCBGA

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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