# MPFS250T-1FCVG784E Datasheet


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| DiGi Electronics Part Number | MPFS250T-1FCVG784E-DG |
| Manufacturer | Microchip Technology |
| Manufacturer Product Number | MPFS250T-1FCVG784E |
| Description | IC SOC RISC-V 784FCBGA |
| Detailed Description | RISC-V System On Chip (SOC) IC PolarFire® FPGA - 2 54K Logic Modules 784-FCBGA (23x23) |

This model MPFS250T-1FCVG784E is available at DiGi Electronics.

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## Purchase and inquiry

| Manufacturer Product Number: | Manufacturer: |
| --- | --- |
| MPFS250T-1FCVG784E | Microchip Technology |
| Series: | Product Status: |
| PolarFire® | Active |
| Architecture: | Core Processor: |
| MPU, FPGA | RISC-V |
| Flash Size: | RAM Size: |
| 128KB | 2.2MB |
| Peripherals: | Connectivity: |
| DMA, PCI, PWM | CAN, Ethernet, I2C, MMC, QSPI, SPI, UART/USART, USB OTG |
| Speed: | Primary Attributes: |
| - | FPGA - 254K Logic Modules |
| Operating Temperature: | Package / Case: |
| 0°C ~ 100°C | 784-BFBGA, FCBGA |
| Supplier Device Package: | Number of I/O: |
| 784-FCBGA (23x23) | MCU - 136, FPGA - 372 |

## Environmental & Export classification

| RoHS Status: | Moisture Sensitivity Level (MSL): |
| --- | --- |
| ROHS3 Compliant | 3 (168 Hours) |
| REACH Status: | |
| REACH Unaffected | |

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