

MPFS095T-1FC5G536E Datasheet



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DiGi Electronics Part Number	MPFS095T-1FC5G536E-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	MPFS095T-1FC5G536E
Description	IC SOC RISC-V 536LFBGA
Detailed Description	RISC-V System On Chip (SOC) IC PolarFire® FPGA - 9 3K Logic Modules 536-LFBGA

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Manufacturer Product Number:

MPFS095T-1FCSG536E

Series:

PolarFire®

Architecture:

MPU, FPGA

Flash Size:

128KB

Peripherals:

DMA, PCI, PWM

Speed:

-

Operating Temperature:

0°C ~ 100°C

Supplier Device Package:

536-LFBGA

Manufacturer:

Microchip Technology

Product Status:

Active

Core Processor:

RISC-V

RAM Size:

857.6KB

Connectivity:

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

Primary Attributes:

FPGA - 93K Logic Modules

Package / Case:

536-BGA

Number of I/O:

MCU - 136, FPGA - 276

Environmental & Export classification

Moisture Sensitivity Level (MSL):

4 (72 Hours)

HTSUS:

8542.31.0001

REACH Status:

REACH Unaffected

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