

# M2S050TS-1VFG400 Datasheet



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|                              |   |
|------------------------------|---|
| DiGi Electronics Part Number | M2S050TS-1VFG400-DG   |
| Manufacturer                 | <a href="#">Microchip Technology</a>  |
| Manufacturer Product Number  | M2S050TS-1VFG400  |
| Description                  | IC SOC CORTEX-M3 166MHZ 400VFBGA  |
| Detailed Description         | ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 50K Logic Modules 166MHz 400-VFBGA (17x17) |

This model M2S050TS-1VFG400 is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

M2S050TS-1VFG400

Series:

SmartFusion®2

Architecture:

MCU, FPGA

Flash Size:

256KB

Peripherals:

DDR, PCIe, SERDES

Speed:

166MHz

Operating Temperature:

0°C ~ 85°C (TJ)

Supplier Device Package:

400-VFBGA (17x17)

Base Product Number:

M2S050

Manufacturer:

Microchip Technology

Product Status:

Active

Core Processor:

ARM® Cortex®-M3

RAM Size:

64KB

Connectivity:

CANbus, Ethernet, I2C, SPI, UART/USART, USB

Primary Attributes:

FPGA - 50K Logic Modules

Package / Case:

400-LFBGA

Number of I/O:

207

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

3 (168 Hours)

ECCN:

3A991D

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