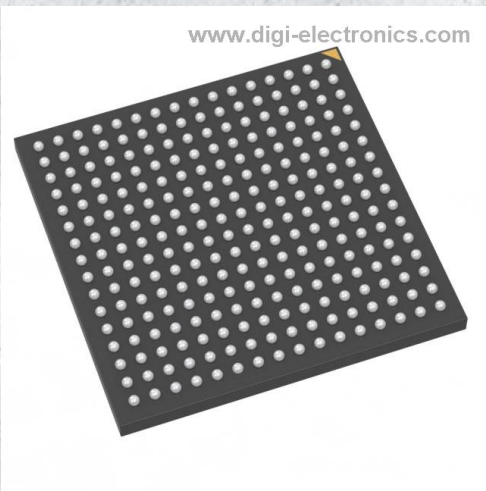
M2S010T-1VFG256 Datasheet



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DiGi Electronics Part Number	M2S010T-1VFG256-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	M2S010T-1VFG256
Description	IC SOC CORTEX-M3 166MHZ 256FBGA
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 10K Logic Modules 166MHz 256-FPBGA (17x17)

This model M2S010T-1VFG256 is available at DiGi Electronics.

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Manufacturer Product Number:	Manufacturer:
M2S010T-1VFG256	Microchip Technology
Series:	Product Status:
SmartFusion®2	Active
Architecture:	Core Processor:
MCU, FPGA	ARM® Cortex®-M3
Flash Size:	RAM Size:
256KB	64KB
Peripherals:	Connectivity:
DDR, PCIe, SERDES	CANbus, Ethernet, I2C, SPI, UART/USART, USB
Speed:	Primary Attributes:
166MHz	FPGA - 10K Logic Modules
Operating Temperature:	Package / Case:
0°C ~ 85°C (TJ)	256-LBGA
Supplier Device Package:	Number of I/O:
256-FPBGA (17x17)	138
Base Product Number:	
M2S010	

Environmental & Export classification

RoHS Status:	Moisture Sensitivity Level (MSL):
ROHS3 Compliant	3 (168 Hours)
REACH Status:	ECCN:
REACH Unaffected	3A991D
HTSUS:	
8542.39.0001	

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