



Microsemi



Image may be representation. See specifications for product details.

M2S010TS-1VFG256T2

Part Number:	M2S010TS-1VFG256T2
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC
	 1.M2S010TS-1VFG256T2.pdf
	 2.M2S010TS-1VFG256T2.pdf
	 3.M2S010TS-1VFG256T2.pdf
	 4.M2S010TS-1VFG256T2.pdf
	 5.M2S010TS-1VFG256T2.pdf
	 6.M2S010TS-1VFG256T2.pdf
	 7.M2S010TS-1VFG256T2.pdf
	 8.M2S010TS-1VFG256T2.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	1971 pcs stock
	Hong Kong
Shipment way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M2S010TS-1VFG256T2

PART NUMBER	M2S010TS-1VFG256T2
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1971 pcs
DATA SHEET	 1.M2S010TS-1VFG256T2.pdf  2.M2S010TS-1VFG256T2.pdf  3.M2S010TS-1VFG256T2.pdf  4.M2S010TS-1VFG256T2.pdf  5.M2S010TS-1VFG256T2.pdf  6.M2S010TS-1VFG256T2.pdf  7.M2S010TS-1VFG256T2.pdf  8.M2S010TS-1VFG256T2.pdf
SUPPLIER DEVICE PACKAGE	256-FPBGA (17x17)
SPEED	166MHz
SERIES	Automotive, AEC-Q100, SmartFusion@2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 10K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	256-LBGA
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF I/O	138
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FLASH SIZE	256KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC Automotive, AEC-Q100, SmartFusion@2 FPGA - 10K Logic Modules 256KB 64KB 166MHz 256-FPBGA (17x17)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi M2S010TS-1VFG256T2	M2S010TS-1VFG256T2 Distributor	M2S010TS-1VFG256T2 Supplier
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 M2S010TS-1VF400 Manufacturers: Microsemi Description: IC FPGA SOC 10K LUTS 400VFBGA In stock: 1932 pcs RFQ	 M2S010TS-FG484 Manufacturers: Microsemi Description: IC FPGA SOC 10K LUTS In stock: 1676 pcs RFQ
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