



Microsemi



M2S090-1FG676IX417

Part Number:	M2S090-1FG676IX417
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 90K LUTS 676FBGA
Datasheets:	 M2S090-1FG676IX417.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	4976 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M2S090-1FG676IX417

PART NUMBER	M2S090-1FG676IX417
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 90K LUTS 676FBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	4976 pcs
DATA SHEET	 M2S090-1FG676IX417.pdf
SPEED	166MHz
SERIES	SmartFusion®2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 90K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
OTHER NAMES	Q9401563
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	425
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
FLASH SIZE	512KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 90K Logic Modules 512KB 64KB 166MHz
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi M2S090-1FG676IX417	M2S090-1FG676IX417 Distributor	M2S090-1FG676IX417 Supplier
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Related Products

 M2S090-1FCSG325I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 685 pcs RFQ	 M2S090-1FG676 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 535 pcs RFQ
 M2S090-1FG484I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 501 pcs RFQ	 M2S090-1FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 484 pcs RFQ
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 M2S090-1FGG676I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 464 pcs RFQ	 M2S090-1FGG484 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 594 pcs RFQ