



M2S090-1FG676

Part Number:	M2S090-1FG676
Manufacturer/Brand:	Microsemi
Product description:	IC FPGA SOC 90K LUTS 676FBGA
Datasheets:	1.M2S090-1FG676.pdf 2.M2S090-1FG676.pdf
RoHs Status:	Contains lead / RoHS non-compliant
Stock Condition:	535 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of M2S090-1FG676

PART NUMBER	M2S090-1FG676
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 90K LUTS 676FBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	535 pcs
DATA SHEET	1.M2S090-1FG676.pdf 2.M2S090-1FG676.pdf
SUPPLIER DEVICE PACKAGE	676-FBGA (27x27)
SPEED	166MHz
SERIES	SmartFusion@2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 90K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	676-BGA
OPERATING TEMPERATURE	0°C ~ 85°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 676-FBGA (27x27)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I ² C, SPI, UART/USART, USB
BASE PART NUMBER	M2S090
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi M2S090-1FG676	M2S090-1FG676 Distributor	M2S090-1FG676 Supplier
M2S090-1FG676 Price	M2S090-1FG676 Pictures	M2S090-1FG676 Image
M2S090-1FG676 PDF Datasheet	M2S090-1FG676 Download Datasheet	M2S090-1FG676 Datasheet
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Microsemi M2S090-1FG676	Microsemi Supplier	Microsemi Distributor
Microsemi M2S090-1FG676	Microsemi Analog Mixed Signal Group M2S090-1FG676	Microsemi Analog Mixed Signal Group [MIL] M2S090-1FG676
Microsemi Consumer Medical Product Group M2S090-1FG676	Microsemi HI-REL [MIL] M2S090-1FG676	Microsemi Power Management Group M2S090-1FG676
Microsemi Power Products Group M2S090-1FG676	Microsemi SoC M2S090-1FG676	Microsemi Commercial Components Group M2S090-1FG676
Microsemi Corporation M2S090-1FG676	Microsemi Solutions Sdn Bhd. M2S090-1FG676	

Related Products

<p>M2S090-1FG676I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 472 pcs RFQ</p>	<p>M2S090-1FCSG325 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 710 pcs RFQ</p>
<p>M2S090-1FG484I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 501 pcs RFQ</p>	<p>M2S090-1FGG676 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 521 pcs RFQ</p>
<p>M2S090-1FGG484 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 594 pcs RFQ</p>	<p>M2S090-1FG484 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 510 pcs RFQ</p>
<p>M2S090-1FGG676I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 664 pcs RFQ</p>	<p>M2S090-1FCSG325I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 685 pcs RFQ</p>
<p>M2S090-1FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 484 pcs RFQ</p>	<p>M2S090-1FCS325 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 863 pcs RFQ</p>
<p>M2S090-1FCS325I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 793 pcs RFQ</p>	<p>M2S090-1FG676IX417 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 4976 pcs RFQ</p>