


Microsemi

## M2S090-FGG484

Part Number:	M2S090-FGG484
Manufacturer/Brand:	Microsemi
Product description:	IC FPGA SOC 90K LUTS 484FBGA
Datasheets:	<a href="#">1.M2S090-FGG484.pdf</a> <a href="#">2.M2S090-FGG484.pdf</a>
RoHs Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.




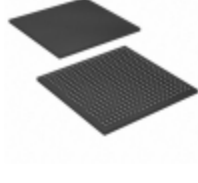




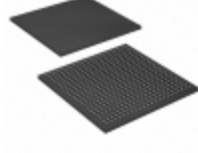
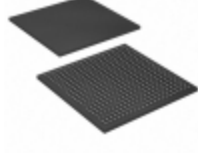


### Specifications of M2S090-FGG484

PART NUMBER	M2S090-FGG484
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 90K LUTS 484FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.M2S090-FGG484.pdf</a> <a href="#">2.M2S090-FGG484.pdf</a>
SUPPLIER DEVICE PACKAGE	484-FPBGA (23x23)
SPEED	166MHz
SERIES	SmartFusion@2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 90K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	484-BGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF I/O	267
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FLASH SIZE	512KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion@2 FPGA - 90K Logic Modules 512KB 64KB 166MHz 484-FPBGA (23x23)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I <sup>2</sup> C, SPI, UART/USART, USB
BASE PART NUMBER	M2S090
ARCHITECTURE	MCU, FPGA

### Related Tags

Microsemi M2S090-FGG484	M2S090-FGG484 Distributor	M2S090-FGG484 Supplier
M2S090-FGG484 Price	M2S090-FGG484 Pictures	M2S090-FGG484 Image
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Microsemi Consumer Medical Product Group M2S090-FGG484	Microsemi HI-REL [MIL] M2S090-FGG484	Microsemi Power Management Group M2S090-FGG484
Microsemi Power Products Group M2S090-FGG484	Microsemi SoC M2S090-FGG484	Microsemi Commercial Components Group M2S090-FGG484
Microsemi Corporation M2S090-FGG484	Microsemi Solutions Sdn Bhd. M2S090-FGG484	

### Related Products

 <p><b>M2S090-FGG676</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS 676FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>M2S090-FCSG325I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>M2S090-FG484I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS 484FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>M2S090S-1FGG484I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS 484FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>M2S090-FGG676I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS 676FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>M2S090-FG676</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS 676FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>M2S090-FGG484I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS 484FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>M2S090-FCSG325</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>M2S090-FG484</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS 484FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>M2S090S-1FG484I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS 484FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>M2S090S-1FG676I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS 676FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>M2S090-FG676I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 90K LUTS 676FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>