Microsemi | Microsemi

M2S090S-1FGG676I

Part Number:	M2S090S-1FGG676I
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 90K LUTS 676FBGA
Datasheets:	📄 1.M2S090S-1FGG676I.pdf
	📄 2.M2S090S-1FGG676I.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	6001 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 M2S090S-1FGG676I

PART NUMBER	M2S090S-1FGG676I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 90K LUTS 676FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6001 pcs
DATA SHEET	📄 1.M2S090S-1FGG676I.pdf
	📄 2.M2S090S-1FGG676I.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	-40°C ~ 100°C (TJ)
NUMBER OF I/O	425
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 676-FBGA (27x27)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
BASE PART NUMBER	M2S090S
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi M2S090S-1FGG676I	M2S090S-1FGG676I Distributor	M2S090S-1FGG676I Supplier
M2S090S-1FGG676I Price	M2S090S-1FGG676I Pictures	M2S090S-1FGG676I Image
M2S090S-1FGG676I PDF Datasheet	M2S090S-1FGG676I Download Datasheet	M2S090S-1FGG676I Datasheet
M2S090S-1FGG676I Stock	Buy M2S090S-1FGG676I	Buy Microsemi M2S090S-1FGG676I
Microsemi M2S090S-1FGG676I	Microsemi Supplier	Microsemi Distributor
Microsemi M2S090S-1FGG676I	Microsemi Analog Mixed Signal Group M2S090S-1FGG676I	Microsemi Analog Mixed Signal Group [MIL] M2S090S-1FGG676I
Microsemi Consumer Medical Product Group M2S090S-1FGG676I	Microsemi HI-REL [MIL] M2S090S-1FGG676I	Microsemi Power Management Group M2S090S-1FGG676I
Microsemi Power Products Group M2S090S-1FGG676I	Microsemi SoC M2S090S-1FGG676I	Microsemi Commercial Components Group M2S090S-1FGG676I
Microsemi Corporation M2S090S-1FGG676I	Microsemi Solutions Sdn Bhd. M2S090S-1FGG676I	

Related Products

M2S090T-1FG484I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 442 pcs **RFQ**	**M2S090S-1FGG484I** Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 5562 pcs **RFQ**
M2S090T-1FG484 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 562 pcs **RFQ**	**M2S090T-1FCS325I** Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 671 pcs **RFQ**
M2S090-FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 610 pcs **RFQ**	**M2S090-FGG676** Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 658 pcs **RFQ**
M2S090T-1FCSG325 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 765 pcs **RFQ**	**M2S090-FGG676I** Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 518 pcs **RFQ**
M2S090S-1FG484I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 6475 pcs **RFQ**	**M2S090S-1FG676I** Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 5192 pcs **RFQ**
M2S090T-1FCSG325I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 739 pcs **RFQ**	**M2S090T-1FCS325** Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 620 pcs **RFQ**