



Microsemi



Image may be representation. See specifications for product details.

M2S005-1TQG144

Part Number:	M2S005-1TQG144
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 5K LUTS  1.M2S005-1TQG144.pdf  2.M2S005-1TQG144.pdf  3.M2S005-1TQG144.pdf  4.M2S005-1TQG144.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	4852 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

Specifications of M2S005-1TQG144

PART NUMBER	M2S005-1TQG144
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 5K LUTS
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4852 pcs
DATA SHEET	 1.M2S005-1TQG144.pdf  2.M2S005-1TQG144.pdf  3.M2S005-1TQG144.pdf  4.M2S005-1TQG144.pdf
SUPPLIER DEVICE PACKAGE	144-TQFP (20x20)
SPEED	166MHz
SERIES	SmartFusion®2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 5K Logic Modules
PERIPHERALS	DDR
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF I/O	84
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FLASH SIZE	128KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 5K Logic Modules 128KB 64KB 166MHz 144-TQFP (20x20)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi M2S005-1TQG144	M2S005-1TQG144 Distributor	M2S005-1TQG144 Supplier
M2S005-1TQG144 Price	M2S005-1TQG144 Pictures	M2S005-1TQG144 Image
M2S005-1TQG144 PDF Datasheet	M2S005-1TQG144 Download Datasheet	M2S005-1TQG144 Datasheet
M2S005-1TQG144 Stock	Buy M2S005-1TQG144	Buy Microsemi M2S005-1TQG144
Microsemi M2S005-1TQG144	Microsemi Supplier	Microsemi Distributor
Microsemi M2S005-1TQG144	Microsemi Analog Mixed Signal Group M2S005-1TQG144	Microsemi Analog Mixed Signal Group [MIL] M2S005-1TQG144
Microsemi Consumer Medical Product Group M2S005-1TQG144	Microsemi HI-REL [MIL] M2S005-1TQG144	Microsemi Power Management Group M2S005-1TQG144
Microsemi Power Products Group M2S005-1TQG144	Microsemi SoC M2S005-1TQG144	Microsemi Commercial Components Group M2S005-1TQG144
Microsemi Corporation M2S005-1TQG144	Microsemi Solutions Sdn Bhd. M2S005-1TQG144	

Related Products

 M2S005-1FG484 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS 484FBGA In stock: 4390 pcs RFQ	 M2S005-1TQ144 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 5313 pcs RFQ
 M2S005-1TQ144I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 4318 pcs RFQ	 M2S005-1VF256 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 5605 pcs RFQ
 M2S005-1VF256I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 5246 pcs RFQ	 M2S005-1VF400I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS 400VFBGA In stock: 3699 pcs RFQ
 M2S005-1TQG144I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 5534 pcs RFQ	 M2S005-1FG484I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS 484FBGA In stock: 4028 pcs RFQ
 M2S005-1VF400 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS 400VFBGA In stock: 5395 pcs RFQ	 M2S005-1FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS 484FBGA In stock: 3200 pcs RFQ
 M2S005-1FGG484 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS 484FBGA In stock: 4667 pcs RFQ	 M2S005-1VFG256 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 5352 pcs RFQ