



M2S005S-1TQG144

Part Number: **M2S005S-1TQG144**
 Product Description: IC FPGA SOC 5K LUTS
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [1.M2S005S-1TQG144.pdf](#)
[2.M2S005S-1TQG144.pdf](#)
[3.M2S005S-1TQG144.pdf](#)
[4.M2S005S-1TQG144.pdf](#)

Manufacturer/Brand: Microsemi
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

Image may be representation.
 See specifications for product details.

Product details

Part Number	M2S005S-1TQG144	Manufacturer	Microsemi
Description	IC FPGA SOC 5K LUTS	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	1.M2S005S-1TQG144.pdf2.M2S005S-1TQG144.pdf3.M2S005S-1TQG144.pdf4.M2S005S-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, I ² C, SPI, UART/USART, USB
Architecture	MCU, FPGA		

Related Products

<p>M2S005S-1TQG144T2 Manufacturers: Microsemi Description: IC FPGA SMARTFUSION2 Download: M2S005S-1TQG144T2.pdf</p> <p>RFQ</p>	<p>M2S005S-1FGG484 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS 484FBGA Download: M2S005S-1FGG484.pdf</p> <p>RFQ</p>
<p>M2S005S-1TQ144 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS Download: M2S005S-1TQ144.pdf</p> <p>RFQ</p>	<p>M2S005S-1TQG144I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS Download: M2S005S-1TQG144I.pdf</p> <p>RFQ</p>
<p>M2S005S-1VF400I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS 400VFBGA Download: M2S005S-1VF400I.pdf</p> <p>RFQ</p>	<p>M2S005S-1TQ144I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS Download: M2S005S-1TQ144I.pdf</p> <p>RFQ</p>
<p>M2S005S-1FGG484T2 Manufacturers: Microsemi Description: IC FPGA SOC Download: M2S005S-1FGG484T2.pdf</p> <p>RFQ</p>	<p>M2S005S-1VF400 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS Download: M2S005S-1VF400.pdf</p> <p>RFQ</p>
<p>M2S005S-1FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS 484FBGA Download: M2S005S-1FGG484I.pdf</p> <p>RFQ</p>	<p>M2S005S-1VF256 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS Download: M2S005S-1VF256.pdf</p> <p>RFQ</p>
<p>M2S005S-1VF256I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS Download: M2S005S-1VF256I.pdf</p> <p>RFQ</p>	<p>M2S005S-1FG484I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS 484FBGA Download: M2S005S-1FG484I.pdf</p> <p>RFQ</p>

Related tags

- Microsemi M2S005S-1TQG144
- M2S005S-1TQG144 Price
- M2S005S-1TQG144 PDF Datasheet
- M2S005S-1TQG144 Stock
- Microsemi M2S005S-1TQG144
- Microsemi M2S005S-1TQG144
- Microsemi Consumer Medical Product Group M2S005S-1TQG144
- Microsemi Power Products Group M2S005S-1TQG144
- Microsemi Corporation M2S005S-1TQG144
- M2S005S-1TQG144 Distributor
- M2S005S-1TQG144 Pictures
- M2S005S-1TQG144 Download Datasheet
- Buy M2S005S-1TQG144
- Microsemi Supplier
- Microsemi Analog Mixed Signal Group M2S005S-1TQG144
- Microsemi HI-REL [MIL] M2S005S-1TQG144
- Microsemi SoC M2S005S-1TQG144
- Microsemi Solutions Sdn Bhd. M2S005S-1TQG144
- M2S005S-1TQG144 Supplier
- M2S005S-1TQG144 Image
- M2S005S-1TQG144 Datasheet
- Buy Microsemi M2S005S-1TQG144
- Microsemi Distributor
- Microsemi Analog Mixed Signal Group [MIL] M2S005S-1TQG144
- Microsemi Power Management Group M2S005S-1TQG144
- Microsemi Commercial Components Group M2S005S-1TQG144