
	<h2 style="color: #e67e22;">M2S010-TQ144</h2>	
	Manufacturer Part Number:	M2S010-TQ144
	Manufacturer/Brand:	Microsemi
	Part of Description:	IC FPGA SOC 10K LUTS
Datasheets:	1.M2S010-TQ144.pdf 2.M2S010-TQ144.pdf	
RoHs Status:	Contains lead / RoHS non-compliant	
Stock Condition:	New original, Stock Available.	
Ship From:	Hong Kong	
Shipment Way:	DHL/Fedex/TNT/UPS/EMS	
<p>Image may be representation. See specs for product details.</p>		


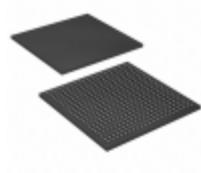



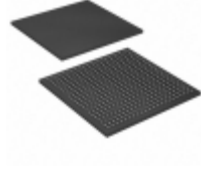
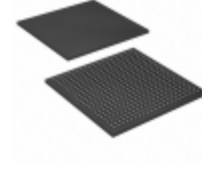

Specifications

Part Number	M2S010-TQ144
Manufacturer	Microsemi
Description	IC FPGA SOC 10K LUTS
Category	Integrated Circuits (ICs) > Embedded - System On Chip
Part Status	Require For Quote & Check Stock
Series	SmartFusion@2
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	144-LQFP
Supplier Device Package	144-TQFP (20x20)
Peripherals	DDR, PCIe, SERDES
Primary Attributes	FPGA - 10K Logic Modules
Core Processor	ARM® Cortex®-M3
Speed	166MHz
Architecture	MCU, FPGA
Number of I/O	84
Connectivity	CAN, Ethernet, I²C, SPI, UART/USART, USB
MCU Flash	256KB
MCU RAM	64KB
Packaging	Tray

M2S010-TQ144 is New Original in Stock, Search M2S010-TQ144 Datasheets, PDF, Inventory at Y-IC.com Online, Order M2S010-TQ144 Microsemi with warrantied and confidence. RFQ M2S010-TQ144 : Info@Y-IC.com

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In:

 <p>M2S010-MKR-KIT Microsemi SMARTFUSION2 MAKER-BOARD</p>	 <p>M2S010-FG484 Microsemi IC FPGA SOC 10K LUTS 484FBGA</p>	 <p>M2S010-FG484I Microsemi IC FPGA SOC 10K LUTS</p>	 <p>M2S010-TQG144 Microsemi IC FPGA SOC 10K LUTS</p>
 <p>M2S010-TQ144I Microsemi IC FPGA SOC 10K LUTS</p>	 <p>M2S010-FGG484I Microsemi IC FPGA SOC 10K LUT 484FBGA</p>	 <p>M2S010-FGG484 Microsemi IC FPGA SOC 10K LUTS 484FBGA</p>	 <p>M2S010-VF256 Microsemi IC FPGA SOC 10K LUTS</p>

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|----------------------|-----------------------|-----------------------|--------------------------|-----------------------|
| ⚙️ 12102A182KAT2A | ➡️ 12105U6R8CAT2A | ➡️ 1808SC102KAT1A | D 82402374 | ➡️ ADC08351CIMTCX |
| ⊖ APTGT150X120E2G | ⚙️ CAT25010VP2I-GT3 | D DFC10U24D12 | ➡️ DSPIC33EP32MC504-I/MV | ➡️ FMA3AT148 |
| ⚙️ FQI5N60CTU | ⊖ FQU1N80TU | ⚙️ GCM1555C1H5R6BA16D | ➡️ GCM2165C2A122JA16D | ➡️ GQM2195C2E1R0BB12D |
| D GRM0225C1E8R2DDAEL | ⚙️ GRM188R71H332KA01D | ⊖ IRF710STRPBF | ⚙️ IRFR120N | ➡️ IXTT1N250HV |
| ➡️ LESD8D5.0CT5G | ➡️ LM3670MFX-3.3 | ⚙️ LM393DRG4 | ⊖ LMSP43MA-288 | ➡️ LT4054-4.2 |
| ➡️ MAX4217ESA+ | ➡️ MAX489EESD | D MN101C77AGC | ⚙️ MS10232NL | ⊖ MZA3216R301AT000 |
| ⚙️ PESD9B5V0 | D PP1R5-24-12 | ➡️ PSW1C70/08 | ➡️ RT9161-30GV | ➡️ S-1172B18-E6T1U |
| ⊖ S-80818CNNB-B8D-T2 | ⚙️ SF0905652YLB | ➡️ SKN1500/16 | ➡️ SMD1206P200SLR-V | ➡️ SMT05E-12W3V3-R |
| ⚙️ SN761212PT/B1212 | ⊖ START540TR | ⚙️ TC1-1-13M-75X+ | D TL431CSF | ➡️ TMG16E80F |
| ➡️ TS954IDT | ⚙️ UCC3813PW-0G4 | ⊖ UCC3895PWG4 | ⚙️ VI-26M-03 | ➡️ VI-PU03-EYW |

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