





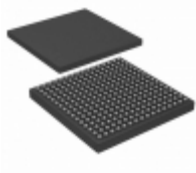
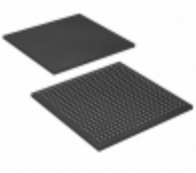






	M2S005-TQG144I
	Manufacturer Part Number: M2S005-TQG144I
 <p>Not Actual Photo YIC International Co., Limited.</p>	Manufacturer/Brand: Microsemi
	Part of Description: IC FPGA SOC 5K LUTS
Datasheets:	 1.M2S005-TQG144I.pdf
	 2.M2S005-TQG144I.pdf
	 3.M2S005-TQG144I.pdf
	 4.M2S005-TQG144I.pdf
RoHs Status:	 Lead free / RoHS
Stock Condition:	Compliant New original, Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	M2S005-TQG144I
Manufacturer	Microsemi
Description	IC FPGA SOC 5K LUTS
Category	Integrated Circuits (ICs) > Embedded - System On Chip
Part Status	Require For Quote & Check Stock
Series	SmartFusion@2
Operating Temperature	-40°C ~ 100°C (TJ)
Package / Case	144-LQFP
Supplier Device Package	144-TQFP (20x20)
Peripherals	DDR
Primary Attributes	FPGA - 5K Logic Modules
Core Processor	ARM® Cortex®-M3
Speed	166MHz
Architecture	MCU, FPGA
Number of I/O	84
Connectivity	CAN, Ethernet, I ² C, SPI, UART/USART, USB
MCU Flash	128KB
MCU RAM	64KB
Packaging	Tray

















































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M2S005-VF400I Microsemi IC FPGA SOC 5K LUTS	M2S005-TQ144I Microsemi IC FPGA SOC 5K LUTS	M2S005-VF256 Microsemi IC FPGA SOC 5K LUTS	M2S005-TQ144 Microsemi IC FPGA SOC 5K LUTS

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 12065C114JAT2A	 1808CC102JAT1A	 A1120LLHLT-T	 AC0805KRX7R9BB104	 AOZ8204DI
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 C3225JB2E224K200AA	 CC0201CRNPO9BN1R2	 CC1206JKNP09BN822	 CY74FCT652ATQCT	 D45XT160
 ES3F-E3/57T	 FZ1200R33KF	 GQM2195C2A271JB12D	 GRM1556R1H8R2DZ01D	 H11AA1SR2M
 HMK316AC7225KLHTE	 HN1A01FU-GR	 ICS9159M	 ISL8105AIBZ	 KS621K40
 LH28F640BFN-PTTLZ5	 LM27402SQ	 LM810M3X-2.63	 LQW18ANR22J00D	 LT1964ES5-BYP#TRPBF
 LT3467AIDDB#TRMPBF	 LTC4151IDD-1#PBF	 MAX674EPA	 MC79L05ABDR2	 MCP1804T-3302I/OT
 MDF250A30	 MG150H20L1	 PC123L2YUP0F	 PE4256MLIAA	 S-93C46BD01
 SI7922DN-T1-GE3	 SM2G50US60	 SRR1005-820Y	 STD3NK90ZT4	 TM25RZ-2H
 U2538B-MFPG3Y	 UA78L15ACDRG4	 UCC5614DP-T	 UPD48288236FF-EF25-DW1	 W25Q80BWPS39

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