









	<h2 style="color: #E67E22;">M2S100T-1FCG1152</h2>	
	<b>Manufacturer Part Number:</b>	<a href="#">M2S100T-1FCG1152</a>
	<b>Manufacturer/Brand:</b>	<a href="#">Microsemi</a>
	<b>Part of Description:</b>	IC FPGA SOC 100K LUTS 1152FCBGA
	<b>Datasheets:</b>	<a href="#">1.M2S100T-1FCG1152.pdf</a> <a href="#">2.M2S100T-1FCG1152.pdf</a>
	<b>RoHs Status:</b>	 Lead free / RoHS
	<b>Stock Condition:</b>	Compliant New original, 2510 pcs Stock Available.
	<b>Ship From:</b>	Hong Kong
Image may be representation. See specs for product details.	<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	<a href="#">M2S100T-1FCG1152</a>
Manufacturer	<a href="#">Microsemi</a>
Description	IC FPGA SOC 100K LUTS 1152FCBGA
Category	<a href="#">Integrated Circuits (ICs) &gt; Embedded - System On Chip</a>
Part Status	2510 pcs Stock
Supplier Device Package	1152-FCBGA (35x35)
Speed	166MHz
Series	SmartFusion@2
Primary Attributes	FPGA - 100K Logic Modules
Peripherals	DDR, PCIe, SERDES
Packaging	Tray
Package / Case	1152-BBGA, FCBGA
Operating Temperature	0°C ~ 85°C (TJ)
Number of I/O	574
MCU RAM	64KB
MCU Flash	512KB
Core Processor	ARM® Cortex®-M3
Connectivity	CAN, Ethernet, I²C, SPI, UART/USART, USB
Architecture	MCU, FPGA

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In:

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 <p><b>M2S100-FCG1152</b> Microsemi Corporation IC FPGA SOC 100K LUTS 1152FCBGA</p>	 <p><b>M2S100T-1FCG1152I</b> Microsemi Corporation IC FPGA SOC 100K LUTS 1152FCBGA</p>	 <p><b>M2S100T-1FC1152I</b> Microsemi Corporation IC FPGA SOC 100K LUTS 1152FCBGA</p>	 <p><b>M2S100T-FCG1152</b> Microsemi Corporation IC FPGA SOC 100K LUTS 1152FCBGA</p>

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Contact us: [Info@YIC-Electronics.com](mailto:Info@YIC-Electronics.com)

ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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