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|  | M2S100-1FCG1152 |
| | Manufacturer Part Number: M2S100-1FCG1152 |
|  <p>Not Actual Photo YIC International Co., Limited.</p> | Manufacturer/Brand: Microsemi |
| | Part of Description: IC FPGA SOC 100K LUTS 1152FCBGA |
| | Datasheets: <ul style="list-style-type: none">  1.M2S100-1FCG1152.pdf  2.M2S100-1FCG1152.pdf |
| | RoHs Status:  Lead free / RoHS |
| Stock Condition: Compliant New original, 2500 pcs Stock Available. | |
| Ship From: Hong Kong | |
| Shipment Way: DHL/Fedex/TNT/UPS/EMS | |
| Image may be representation. See specs for product details. | |









Specifications

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|-------------------------|---|
| Part Number | M2S100-1FCG1152 |
| Manufacturer | Microsemi |
| Description | IC FPGA SOC 100K LUTS 1152FCBGA |
| Category | Integrated Circuits (ICs) > Embedded - System On Chip |
| Part Status | 2500 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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