



Microsemi



M2S150TS-1FCG1152

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2S150TS-1FCG1152                                                                                            |
| Manufacturer/Brand: | Microsemi                                                                                                    |
| Product description | IC FPGA SOC 150K LUTS 1152FCBGA                                                                              |
| Datasheets:         | <a href="#">1.M2S150TS-1FCG1152.pdf</a><br><a href="#">2.M2S150TS-1FCG1152.pdf</a>                           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of M2S150TS-1FCG1152

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S150TS-1FCG1152                                                                                                    |
| MANUFACTURER                     | Microsemi                                                                                                            |
| DESCRIPTION                      | IC FPGA SOC 150K LUTS 1152FCBGA                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                       | <a href="#">1.M2S150TS-1FCG1152.pdf</a><br><a href="#">2.M2S150TS-1FCG1152.pdf</a>                                   |
| SUPPLIER DEVICE PACKAGE          | 1152-FCBGA (35x35)                                                                                                   |
| SPEED                            | 166MHz                                                                                                               |
| SERIES                           | SmartFusion®2                                                                                                        |
| RAM SIZE                         | 64KB                                                                                                                 |
| PRIMARY ATTRIBUTES               | FPGA - 150K 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                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| FLASH SIZE                       | 512KB                                                                                                                |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 150K Logic Modules 512KB 64KB 166MHz 1152-FCBGA (35x35) |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                      |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, SPI, UART/USART, USB                                                                          |
| ARCHITECTURE                     | MCU, FPGA                                                                                                            |

Related Tags

|                                                            |                                                       |                                                             |
|------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|
| Microsemi M2S150TS-1FCG1152                                | M2S150TS-1FCG1152 Distributor                         | M2S150TS-1FCG1152 Supplier                                  |
| M2S150TS-1FCG1152 Price                                    | M2S150TS-1FCG1152 Pictures                            | M2S150TS-1FCG1152 Image                                     |
| M2S150TS-1FCG1152 PDF Datasheet                            | M2S150TS-1FCG1152 Download Datasheet                  | M2S150TS-1FCG1152 Datasheet                                 |
| M2S150TS-1FCG1152 Stock                                    | Buy M2S150TS-1FCG1152                                 | Buy Microsemi M2S150TS-1FCG1152                             |
| Microsemi M2S150TS-1FCG1152                                | Microsemi Supplier                                    | Microsemi Distributor                                       |
| Microsemi M2S150TS-1FCG1152                                | Microsemi Analog Mixed Signal Group M2S150TS-1FCG1152 | Microsemi Analog Mixed Signal Group [MIL] M2S150TS-1FCG1152 |
| Microsemi Consumer Medical Product Group M2S150TS-1FCG1152 | Microsemi HI-REL [MIL] M2S150TS-1FCG1152              | Microsemi Power Management Group M2S150TS-1FCG1152          |
| Microsemi Power Products Group M2S150TS-1FCG1152           | Microsemi SoC M2S150TS-1FCG1152                       | Microsemi Commercial Components Group M2S150TS-1FCG1152     |
| Microsemi Corporation M2S150TS-1FCG1152                    | Microsemi Solutions Sdn Bhd. M2S150TS-1FCG1152        |                                                             |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>M2S150TS-1FCS536I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div>            | <div></div> <div>M2S150TS-1FCSG536I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>M2S150T-FCVG484I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div>             | <div></div> <div>M2S150T-FCVG484</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div>M2S150TS-1FC1152M</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS 1152FCBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div>M2S150TS-1FCG1152M</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>M2S150TS-1FC1152I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS 1152FCBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div>M2S150T-FCV484I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div>M2S150TS-1FCG1152I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS 1152FCBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>M2S150TS-1FCS536</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div>M2S150TS-1FC1152</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div>             | <div></div> <div>M2S150TS-1FCSG536</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 150K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div>  |