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|  | <h2>M2S100T-1FCG1152I</h2> |
| | <p>Manufacturer Part Number: M2S100T-1FCG1152I</p> <p>Manufacturer/Brand: Microsemi</p> <p>Part of Description: IC FPGA SOC 100K LUTS 1152FCBGA</p> <p>Datasheets: 1.M2S100T-1FCG1152I.pdf 2.M2S100T-1FCG1152I.pdf</p> <p>RoHs Status:  Lead free / RoHS</p> <p>Stock Condition: New original, ^{Compliant} Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p> |
|  Not Actual Photo YIC International Co., Limited. | |
| Image may be representation. See specs for product details. | |

| Specifications | |
|-------------------------|---|
| Part Number | M2S100T-1FCG1152I |
| Manufacturer | Microsemi |
| Description | IC FPGA SOC 100K LUTS 1152FCBGA |
| 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 | 1152-BBGA, FCBGA |
| Supplier Device Package | 1152-FCBGA (35x35) |
| Peripherals | DDR, PCIe, SERDES |
| Primary Attributes | FPGA - 100K Logic Modules |
| Core Processor | ARM® Cortex®-M3 |
| Speed | 166MHz |
| Architecture | MCU, FPGA |
| Number of I/O | 574 |
| Connectivity | CAN, Ethernet, I ² C, SPI, UART/USART, USB |
| MCU Flash | 512KB |
| MCU RAM | 64KB |
| Packaging | Tray |

M2S100T-1FCG1152I is New Original in Stock, Search M2S100T-1FCG1152I Datasheets, PDF, Inventory at Y-IC.com Online, Order M2S100T-1FCG1152I Microsemi with warrantied and confidence. RFQ M2S100T-1FCG1152I : Info@Y-IC.com

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| <p>In:</p>  <p>M2S100T-1FCG1152 Microsemi IC FPGA SOC 100K LUTS 1152FCBGA</p> |  <p>M2S100TS-1FC1152I Microsemi IC FPGA SOC 100K LUTS 1152FCBGA</p> |  <p>M2S100T-1FC1152I Microsemi IC FPGA SOC 100K LUTS 1152FCBGA</p> |  <p>M2S100S-1FCG1152I Microsemi IC FPGA SOC 100K LUTS 1152FCBGA</p> |
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Hot Parts

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| ⚙️ 12061A681JAT4A | 🔌 170M6344 | ➡️ 1SMB5943BT3G | D 5SGA15F2502 | ➡️ AK60A-048L-120F08 |
| ⚡ AP4501AGEM | ⚙️ B39781B7935P810 | D BC849BLT1G | ➡️ BFR360FE6327 | ➡️ BSX8-900IOV1HB |
| ⚙️ CDRH6D28-1R0NC | ⚡ CGA6L2X7R2A684M160AA | ⚙️ CM32Y5V335Z25AT | 🔌 CU10Y12R2BATUA | ➡️ D5V0F4U6SO-7-F |
| D GCM1885C1H160JA16D | ⚙️ GRM1556S1H8R9DZ01D | ⚡ GRM1557U1H8R7DZ01D | ⚙️ L79L12CD13TR | ➡️ LD031A5R1CAB2A |
| ➡️ LM2585T-5.0 | 🔌 LSI53C040 | ⚙️ M95010-MN6TP | ⚡ MB95F334KPMC-ES-SNE2 | ➡️ MBM150HT12 |
| 🔌 MBRB1045CTTRR | ➡️ MC33164D-5R2G | D MG150Q2YS65H | ⚙️ NJM2737RB1 | ⚡ NRS8040T100MJGJS |
| ⚙️ P2503ND5G | D RT314012AP | ➡️ RT9715HGQW | 🔌 RURP1560 | ➡️ S-80725AL-AN-T1 |
| ⚡ SI7116DN-T1-E3 | ⚙️ SI7450DP-T1-GE3 | 🔌 SKIIP14NAB066AL | ➡️ SL24.TCT | ➡️ SP6200EM5-L-2.7/TR |
| ⚙️ SSM-108-LM-DV-BE-K-TR | ⚡ TC4425EPA | ⚙️ TL780-15KCS | D TPS61240YFFR | ➡️ TYN1225RG |
| 🔌 USB3316B-GJ-TR | ⚙️ VI-J1Z-MY | ⚡ VS-40EPF06PBF | ⚙️ WR12S15/1000XC | ➡️ ZLNB2013Q16 |

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