



## M2S050TS-VFG400I

Part Number:	M2S050TS-VFG400I
Manufacturer/Brand:	Microsemi
Product description:	IC FPGA SOC 50K LUTS
Datasheets:	<a href="#">1.M2S050TS-VFG400I.pdf</a> <a href="#">2.M2S050TS-VFG400I.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	816 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of M2S050TS-VFG400I

PART NUMBER	M2S050TS-VFG400I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 50K LUTS
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	816 pcs
DATA SHEET	<a href="#">1.M2S050TS-VFG400I.pdf</a> <a href="#">2.M2S050TS-VFG400I.pdf</a>
SUPPLIER DEVICE PACKAGE	400-VFBGA (17x17)
SPEED	166MHz
SERIES	SmartFusion@2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 50K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	400-LFBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	207
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FLASH SIZE	256KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion@2 FPGA - 50K Logic Modules 256KB 64KB 166MHz 400-VFBGA (17x17)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I <sup>2</sup> C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

### Related Tags

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Microsemi Consumer Medical Product Group M2S050TS-VFG400I	Microsemi HI-REL [MIL] M2S050TS-VFG400I	Microsemi Power Management Group M2S050TS-VFG400I
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Microsemi Corporation M2S050TS-VFG400I	Microsemi Solutions Sdn Bhd. M2S050TS-VFG400I	

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<p><b>M2S050TS-VF400</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 50K LUTS                  In stock: 819 pcs  <a href="#">RFQ</a></p>	<p><b>M2S050TS-FGG896</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 50K LUTS                  In stock: 744 pcs  <a href="#">RFQ</a></p>
<p><b>M2S060-1FG484</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 60K LUTS                  In stock: 972 pcs  <a href="#">RFQ</a></p>	<p><b>M2S050TS-FGG896I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 50K LUTS                  In stock: 576 pcs  <a href="#">RFQ</a></p>
<p><b>M2S050TS-VF400I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 50K LUTS                  In stock: 683 pcs  <a href="#">RFQ</a></p>	<p><b>M2S060-1FCSG325</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 60K LUTS                  In stock: 1260 pcs  <a href="#">RFQ</a></p>
<p><b>M2S050TS-FGG484I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 50K LUTS                  In stock: 667 pcs  <a href="#">RFQ</a></p>	<p><b>M2S060-1FCS325</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 60K LUTS                  In stock: 1118 pcs  <a href="#">RFQ</a></p>
<p><b>M2S060-1FCS325I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 60K LUTS                  In stock: 1128 pcs  <a href="#">RFQ</a></p>	<p><b>M2S060-1FG484I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 60K LUTS                  In stock: 854 pcs  <a href="#">RFQ</a></p>