



M2S025TS-1VF400I

Part Number:	M2S025TS-1VF400I
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 25K LUTS 400VFBGA
	1.M2S025TS-1VF400I.pdf
	2.M2S025TS-1VF400I.pdf
Datasheets:	
RoHs Status	 Contains lead / RoHS non-compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

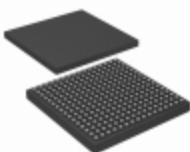
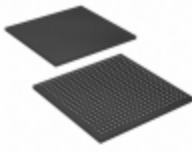
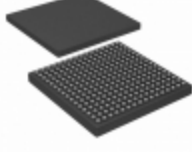
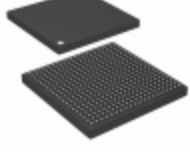
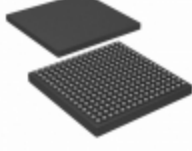
Specifications of M2S025TS-1VF400I

PART NUMBER	M2S025TS-1VF400I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 25K LUTS 400VFBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	1.M2S025TS-1VF400I.pdf 2.M2S025TS-1VF400I.pdf
SUPPLIER DEVICE PACKAGE	400-VFBGA (17x17)
SPEED	166MHz
SERIES	SmartFusion®2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 25K 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	Contains lead / RoHS non-compliant
FLASH SIZE	256KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 25K Logic Modules 256KB 64KB 166MHz 400-VFBGA (17x17)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
BASE PART NUMBER	M2S025TS
ARCHITECTURE	MCU, FPGA

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Microsemi Consumer Medical Product Group M2S025TS-1VF400I	Microsemi HI-REL [MIL] M2S025TS-1VF400I	Microsemi Power Management Group M2S025TS-1VF400I
Microsemi Power Products Group M2S025TS-1VF400I	Microsemi SoC M2S025TS-1VF400I	Microsemi Commercial Components Group M2S025TS-1VF400I
Microsemi Corporation M2S025TS-1VF400I	Microsemi Solutions Sdn Bhd. M2S025TS-1VF400I	

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 M2S025TS-1VFG256 Manufacturers: Microsemi Description: IC FPGA SOC 25K LUTS In stock: Out stock RFQ	 M2S025TS-1VFG400I Manufacturers: Microsemi Description: IC FPGA SOC 25K LUTS 400VFBGA In stock: Out stock RFQ
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