



M2S090TS-1FCSG325I

Part Number:	M2S090TS-1FCSG325I
Manufacturer/Brand:	Microsemi
Product description:	IC FPGA SOC 90K LUTS
Datasheets:	1.M2S090TS-1FCSG325I.pdf 2.M2S090TS-1FCSG325I.pdf
RoHS Status:	Lead free / RoHS Compliant
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 M2S090TS-1FCSG325I

PART NUMBER	M2S090TS-1FCSG325I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 90K LUTS
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.M2S090TS-1FCSG325I.pdf 2.M2S090TS-1FCSG325I.pdf
SUPPLIER DEVICE PACKAGE	325-BGA (11x11)
SPEED	166MHz
SERIES	SmartFusion@2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 90K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	325-TFBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	180
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 - 90K Logic Modules 512KB 64KB 166MHz 325-BGA (11x11)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I ² C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

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