



Microsemi



Image may be representation. See specifications for product details.

A2F060M3E-1TQG144I

Part Number:	A2F060M3E-1TQG144I
Manufacturer/Brand:	Microsemi
Product description	IC FPGA 60K GATES 128KB 144-TQFP
Datasheets:	 A2F060M3E-1TQG144I.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4092 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of A2F060M3E-1TQG144I

PART NUMBER	A2F060M3E-1TQG144I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA 60K GATES 128KB 144-TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4092 pcs
DATA SHEET	 A2F060M3E-1TQG144I.pdf
SUPPLIER DEVICE PACKAGE	144-TQFP (20x20)
SPEED	100MHz
SERIES	SmartFusion®
RAM SIZE	16KB
PRIMARY ATTRIBUTES	ProASIC®3 FPGA, 60K Gates, 1536D-Flip-Flops
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	MCU - 21, FPGA - 33
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FLASH SIZE	128KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion® ProASIC®3 FPGA, 60K Gates, 1536D-Flip-Flops 128KB 16KB 100MHz 144-TQFP (20x20)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	EBI/EMI, I²C, SPI, UART/USART
BASE PART NUMBER	A2F060M3E
ARCHITECTURE	MCU, FPGA

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