



Microsemi



Image may be representation. See specifications for product details.

A2F060M3E-TQG144

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | A2F060M3E-TQG144                                                                                                       |
| Manufacturer/Brand: | Microsemi                                                                                                              |
| Product description | IC FPGA 60K GATES 128KB 144-TQFP                                                                                       |
| Datasheets:         |  <a href="#">A2F060M3E-TQG144.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 6973 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Specifications of A2F060M3E-TQG144

|                                  |                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | A2F060M3E-TQG144                                                                                                                   |
| MANUFACTURER                     | Microsemi                                                                                                                          |
| DESCRIPTION                      | IC FPGA 60K GATES 128KB 144-TQFP                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                         |
| QUANTITY AVAILABLE               | 6973 pcs                                                                                                                           |
| DATA SHEET                       |  <a href="#">A2F060M3E-TQG144.pdf</a>           |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                                   |
| SPEED                            | 80MHz                                                                                                                              |
| 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            | 0°C ~ 85°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 80MHz 144-TQFP (20x20) |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                    |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                                                                      |
| BASE PART NUMBER                 | A2F060M3E                                                                                                                          |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                          |

Related Tags

|                                                           |                                                      |                                                            |
|-----------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------|
| Microsemi A2F060M3E-TQG144                                | A2F060M3E-TQG144 Distributor                         | A2F060M3E-TQG144 Supplier                                  |
| A2F060M3E-TQG144 Price                                    | A2F060M3E-TQG144 Pictures                            | A2F060M3E-TQG144 Image                                     |
| A2F060M3E-TQG144 PDF Datasheet                            | A2F060M3E-TQG144 Download Datasheet                  | A2F060M3E-TQG144 Datasheet                                 |
| A2F060M3E-TQG144 Stock                                    | Buy A2F060M3E-TQG144                                 | Buy Microsemi A2F060M3E-TQG144                             |
| Microsemi A2F060M3E-TQG144                                | Microsemi Supplier                                   | Microsemi Distributor                                      |
| Microsemi A2F060M3E-TQG144                                | Microsemi Analog Mixed Signal Group A2F060M3E-TQG144 | Microsemi Analog Mixed Signal Group [MIL] A2F060M3E-TQG144 |
| Microsemi Consumer Medical Product Group A2F060M3E-TQG144 | Microsemi HI-REL [MIL] A2F060M3E-TQG144              | Microsemi Power Management Group A2F060M3E-TQG144          |
| Microsemi Power Products Group A2F060M3E-TQG144           | Microsemi SoC A2F060M3E-TQG144                       | Microsemi Commercial Components Group A2F060M3E-TQG144     |
| Microsemi Corporation A2F060M3E-TQG144                    | Microsemi Solutions Sdn Bhd. A2F060M3E-TQG144        |                                                            |

Related Products

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| <div></div> <div><b>A2F200M3F-1CSG288I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 200K GATES 256KB 288-CSP<br/>In stock: 5785 pcs</div> <div>RFQ</div> | <div></div> <div><b>A2F200M3F-1CS288</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 200K GATES 256KB 288-CSP<br/>In stock: 2775 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>A2F060M3E-FGG256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 256FBGA<br/>In stock: 6417 pcs</div> <div>RFQ</div>    | <div></div> <div><b>A2F060M3E-FGG256M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 256FBGA<br/>In stock: 3212 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>A2F060M3E-FG256M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 256FBGA<br/>In stock: 3808 pcs</div> <div>RFQ</div>    | <div></div> <div><b>A2F060M3E-TQ144</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 144-TQFP<br/>In stock: 5610 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>A2F200M3F-1CSG288</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 200K GATES 256KB 288-CSP<br/>In stock: 2672 pcs</div> <div>RFQ</div>  | <div></div> <div><b>A2F060M3E-FGG256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 256FBGA<br/>In stock: 2861 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>A2F200M3F-1FG256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 200K GATES 256KB 256-BGA<br/>In stock: 6143 pcs</div> <div>RFQ</div>   | <div></div> <div><b>A2F200M3F-1CS288I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 200K GATES 256KB 288-CSP<br/>In stock: 3050 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>A2F060M3E-TQ144I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 144-TQFP<br/>In stock: 5311 pcs</div> <div>RFQ</div>   | <div></div> <div><b>A2F060M3E-TQG144I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 144-TQFP<br/>In stock: 4167 pcs</div> <div>RFQ</div> |