



Microsemi



Image may be representation. See specifications for product details.

A2F060M3E-1FGG256I

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | A2F060M3E-1FGG256I                                                                                                       |
| Manufacturer/Brand: | Microsemi                                                                                                                |
| Product description | IC FPGA 60K GATES 128KB 256FBGA                                                                                          |
| Datasheets:         |  <a href="#">A2F060M3E-1FGG256I.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant             |
| Stock Condition     | 6517 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                    |

REQUEST FOR QUOTATION

Specifications of A2F060M3E-1FGG256I

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | A2F060M3E-1FGG256I                                                                                                                  |
| MANUFACTURER                     | Microsemi                                                                                                                           |
| DESCRIPTION                      | IC FPGA 60K GATES 128KB 256FBGA                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                          |
| QUANTITY AVAILABLE               | 6517 pcs                                                                                                                            |
| DATA SHEET                       |  <a href="#">A2F060M3E-1FGG256I.pdf</a>          |
| SUPPLIER DEVICE PACKAGE          | 256-FBGA (17x17)                                                                                                                    |
| 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                   | 256-LBGA                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                  |
| NUMBER OF I/O                    | MCU - 26, FPGA - 66                                                                                                                 |
| 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 256-FBGA (17x17) |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                     |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                                                                       |
| BASE PART NUMBER                 | A2F060M3E                                                                                                                           |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                           |

Related Tags

|                                                             |                                                        |                                                              |
|-------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------|
| Microsemi A2F060M3E-1FGG256I                                | A2F060M3E-1FGG256I Distributor                         | A2F060M3E-1FGG256I Supplier                                  |
| A2F060M3E-1FGG256I Price                                    | A2F060M3E-1FGG256I Pictures                            | A2F060M3E-1FGG256I Image                                     |
| A2F060M3E-1FGG256I PDF Datasheet                            | A2F060M3E-1FGG256I Download Datasheet                  | A2F060M3E-1FGG256I Datasheet                                 |
| A2F060M3E-1FGG256I Stock                                    | Buy A2F060M3E-1FGG256I                                 | Buy Microsemi A2F060M3E-1FGG256I                             |
| Microsemi A2F060M3E-1FGG256I                                | Microsemi Supplier                                     | Microsemi Distributor                                        |
| Microsemi A2F060M3E-1FGG256I                                | Microsemi Analog Mixed Signal Group A2F060M3E-1FGG256I | Microsemi Analog Mixed Signal Group [MIL] A2F060M3E-1FGG256I |
| Microsemi Consumer Medical Product Group A2F060M3E-1FGG256I | Microsemi HI-REL [MIL] A2F060M3E-1FGG256I              | Microsemi Power Management Group A2F060M3E-1FGG256I          |
| Microsemi Power Products Group A2F060M3E-1FGG256I           | Microsemi SoC A2F060M3E-1FGG256I                       | Microsemi Commercial Components Group A2F060M3E-1FGG256I     |
| Microsemi Corporation A2F060M3E-1FGG256I                    | Microsemi Solutions Sdn Bhd. A2F060M3E-1FGG256I        |                                                              |

Related Products

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| <div></div> <div><b>A2F060M3E-1FG256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 256FBGA<br/>In stock: 2986 pcs</div> <div>RFQ</div>   | <div></div> <div><b>A2F060M3E-1TQG144</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 144-TQFP<br/>In stock: 7011 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>A2F060M3E-1TQ144I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 144-TQFP<br/>In stock: 6849 pcs</div> <div>RFQ</div> | <div></div> <div><b>A2F060M3E-1FGG256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 256FBGA<br/>In stock: 4864 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>A2F060M3E-1CSG288I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 288-CSP<br/>In stock: 5593 pcs</div> <div>RFQ</div> | <div></div> <div><b>A2F060M3E-1TQG144I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 144-TQFP<br/>In stock: 4092 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>A2F060M3E-CS288</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 288-CSP<br/>In stock: 4856 pcs</div> <div>RFQ</div>    | <div></div> <div><b>A2F060M3E-1FGG256M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 256FBGA<br/>In stock: 3653 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>A2F060M3E-1CSG288</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 288-CSP<br/>In stock: 3694 pcs</div> <div>RFQ</div>  | <div></div> <div><b>A2F060M3E-1TQ144</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 144-TQFP<br/>In stock: 6035 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>A2F060M3E-1FG256M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 256FBGA<br/>In stock: 6796 pcs</div> <div>RFQ</div>  | <div></div> <div><b>A2F060M3E-1FG256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 60K GATES 128KB 256FBGA<br/>In stock: 3613 pcs</div> <div>RFQ</div>   |