



### MSP430G2444IYFFT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430G2444IYFFT                                                                                             |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 8KB FLASH 49DSBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 47588 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of MSP430G2444IYFFT

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430G2444IYFFT                                                                        |
| MANUFACTURER                     | N/A                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT 8KB FLASH 49DSBGA                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 47588 pcs                                                                               |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                           |
| SUPPLIER DEVICE PACKAGE          | 49-DSBGA (2.8x2.8)                                                                      |
| SPEED                            | 16MHz                                                                                   |
| SERIES                           | MSP430G2xx                                                                              |
| RAM SIZE                         | 512 x 8                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                   |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, WDT                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                        |
| PACKAGE / CASE                   | 49-UFBGA, DSBGA                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                       |
| NUMBER OF I/O                    | 32                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| EEPROM SIZE                      | -                                                                                       |
| DETAILED DESCRIPTION             | MSP430 MSP430G2xx Microcontroller IC 16-Bit 16MHz 8KB (8K x 8) FLASH 49-DSBGA (2.8x2.8) |
| DATA CONVERTERS                  | A/D 12x10b                                                                              |
| CORE SIZE                        | 16-Bit                                                                                  |
| CORE PROCESSOR                   | MSP430                                                                                  |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SCI, SPI, UART/USART                                                 |
| BASE PART NUMBER                 | MSP430G2444                                                                             |

#### Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| MSP430G2444IYFFT               | MSP430G2444IYFFT Distributor        | MSP430G2444IYFFT Supplier  |
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| MSP430G2444IYFFT               | Supplier                            | Distributor                |

#### Related Products

|                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MSP430G2452IPW20R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 20TSSOP</div> <div>In stock: 45489 pcs</div> | <div>MSP430G2444IDA38R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 38TSSOP</div> <div>In stock: 84396 pcs</div> |                                                                                                                                                  |
| <div>MSP430G2452IPW20</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 20TSSOP</div> <div>In stock: 55779 pcs</div>  | <div>MSP430G2433IRHB32T</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 32VQFN</div> <div>In stock: 36454 pcs</div> |                                                                                                                                                  |
| <div>MSP430G2444IRHA40R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 40VQFN</div> <div>In stock: 69395 pcs</div> | <div>MSP430G2452IPW14R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 14TSSOP</div> <div>In stock: 99473 pcs</div> | <div>MSP430G2452IN20</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 20DIP</div> <div>In stock: 44867 pcs</div>     |
| <div>MSP430G2452IPW14</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 14TSSOP</div> <div>In stock: 44721 pcs</div>  | <div>MSP430G2444IDA38</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 38TSSOP</div> <div>In stock: 59094 pcs</div>  | <div>MSP430G2452IPW14R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 14TSSOP</div> <div>In stock: 99473 pcs</div> |
| <div>MSP430G2444IYFFR</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 49DSBGA</div> <div>In stock: 73295 pcs</div>  | <div>MSP430G2444IRHA40T</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 40VQFN</div> <div>In stock: 50332 pcs</div> |                                                                                                                                                  |
| <div>MSP430G2452IRSA16R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 8KB FLASH 16QFN</div> <div>In stock: 43323 pcs</div>  |                                                                                                                                                  |                                                                                                                                                  |

RFQ

