

## MSP430G2444IYFFR

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|---|--|---|
| <br><b>COMPONENTS-WORLD.COM</b> | <b>Part Number:</b> MSP430G2444IYFFR<br><b>Manufacturer:</b> N/A<br><b>Description:</b> IC MCU 16BIT 8KB FLASH 49DSBGA<br><b>Data sheet:</b> | <b>RoHS Status:</b> Lead free / RoHS Compliant<br><b>Ship From:</b> Hong Kong<br><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS |
| <b>Request For Quotation</b>  |  |   |

Images are for reference only.  
See Product Specifications for product details.  
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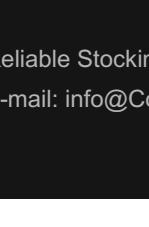
## PRODUCT PARAMETER

|   |   |  |                            |
|---|---|--|----------------------------|
| <b>Part Number</b>                      | MSP430G2444IYFFR  | <b>Manufacturer</b>                    | N/A                        |
| <b>Description</b>                      | IC MCU 16BIT 8KB FLASH 49DSBGA  | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant |
| <b>Quantity Available</b>               | 82337 pcs   | <b>Data sheet</b>                      |                            |
| <b>Category</b>                         | <a href="#">Integrated Circuits (ICs)</a>   | <b>Voltage - Supply (Vcc/Vdd)</b>      | 1.8 V ~ 3.6 V              |
| <b>Supplier Device Package</b>          | 49-DSBGA (2.8x2.8)  | <b>Speed</b>                           | 16MHz                      |
| <b>Series</b>                           | MSP430G2xx  | <b>RAM Size</b>                        | 512 x 8                    |
| <b>Program Memory Type</b>              | FLASH   | <b>Program Memory Size</b>             | 8KB (8K x 8)               |
| <b>Peripherals</b>                      | Brown-out Detect/Reset, POR, WDT  | <b>Packaging</b>                       | Tape & Reel (TR)           |
| <b>Package / Case</b>                   | 49-UFBGA, DSBGA   | <b>Oscillator Type</b>                 | Internal                   |
| <b>Operating Temperature</b>            | -40°C ~ 85°C (TA)   | <b>Number of I/O</b>                   | 32                         |
| <b>Moisture Sensitivity Level (MSL)</b> | 1 (Unlimited)   | <b>Manufacturer Standard Lead Time</b> | 10 Weeks                   |
| <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant  | <b>EEPROM Size</b>                     | -                          |
| <b>Detailed Description</b>             | MSP430 MSP430G2xx Microcontroller IC 16-Bit 16MHz 8KB (8K x 8) FLASH 49-DSBGA (2.8x2.8) | <b>Data Converters</b>                 | A/D 12x10b                 |
| <b>Core Size</b>                        | 16-Bit  | <b>Core Processor</b>                  | MSP430                     |
| <b>Connectivity</b>                     | I²C, IrDA, LINbus, SCI, SPI, UART/USART   | <b>Base Part Number</b>                | MSP430G2444                |

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| <br><a href="#">MSP430G2452IPW20R</a>  | Part#: <a href="#">MSP430G2452IPW20R</a><br>Description: IC MCU 16BIT 8KB FLASH 20TSSOP  | Manufacturers: N/A | <a href="#">RFQ</a> |
| <br><a href="#">MSP430G2452IPW20</a>   | Part#: <a href="#">MSP430G2452IPW20</a><br>Description: IC MCU 16BIT 8KB FLASH 20TSSOP   | Manufacturers: N/A | <a href="#">RFQ</a> |
| <br><a href="#">MSP430G2433IRHB32T</a> | Part#: <a href="#">MSP430G2433IRHB32T</a><br>Description: IC MCU 16BIT 8KB FLASH 32VQFN  | Manufacturers: N/A | <a href="#">RFQ</a> |
| <br><a href="#">MSP430G2452IRSA16R</a> | Part#: <a href="#">MSP430G2452IRSA16R</a><br>Description: IC MCU 16BIT 8KB FLASH 16QFN   | Manufacturers: N/A | <a href="#">RFQ</a> |
| <br><a href="#">MSP430G2433IPW28</a>   | Part#: <a href="#">MSP430G2433IPW28</a><br>Description: IC MCU 16BIT 8KB FLASH 28TSSOP   | Manufacturers: N/A | <a href="#">RFQ</a> |
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| <br><a href="#">MSP430G2444IDA38</a>   | Part#: <a href="#">MSP430G2444IDA38</a><br>Description: IC MCU 16BIT 8KB FLASH 38TSSOP   | Manufacturers: N/A | <a href="#">RFQ</a> |
| <br><a href="#">MSP430G2452IPW14</a>   | Part#: <a href="#">MSP430G2452IPW14</a><br>Description: IC MCU 16BIT 8KB FLASH 14TSSOP   | Manufacturers: N/A | <a href="#">RFQ</a> |
| <br><a href="#">MSP430G2433IPW20</a>   | Part#: <a href="#">MSP430G2433IPW20</a><br>Description: IC MCU 16BIT 8KB FLASH 20TSSOP   | Manufacturers: N/A | <a href="#">RFQ</a> |
| <br><a href="#">MSP430G2444IYFFT</a>   | Part#: <a href="#">MSP430G2444IYFFT</a><br>Description: IC MCU 16BIT 8KB FLASH 49DSBGA   | Manufacturers: N/A | <a href="#">RFQ</a> |
| <br><a href="#">MSP430G2444IRHA40T</a> | Part#: <a href="#">MSP430G2444IRHA40T</a><br>Description: IC MCU 16BIT 8KB FLASH 40VQFN  | Manufacturers: N/A | <a href="#">RFQ</a> |
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| <br><a href="#">MSP430G2453IN20</a>    | Part#: <a href="#">MSP430G2453IN20</a><br>Description: IC MCU 16BIT 8KB FLASH 20DIP      | Manufacturers: N/A | <a href="#">RFQ</a> |

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