

MSP430FG6625IZQWR



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Part Number: [MSP430FG6625IZQWR](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 64KB FLASH 113BGA](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

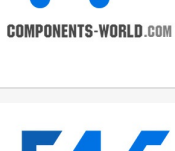
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                       |                                 |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | MSP430FG6625IZQWR                                                                                     | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 64KB FLASH 113BGA                                                                        | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 19031 pcs                                                                                             | Data sheet                      |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                                             | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 113-BGA Microstar Junior (7x7)                                                                        | Speed                           | 20MHz                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | MSP430F6xx                                                                                            | RAM Size                        | 10K x 8                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                                                                                 | Program Memory Size             | 64KB (64K x 8)             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                                       | Packaging                       | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 113-VFBGA                                                                                             | Oscillator Type                 | Internal                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C (TA)                                                                                     | Number of I/O                   | 73                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                                                                                         | Manufacturer Standard Lead Time | 26 Weeks                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                                                                            | EEPROM Size                     | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                          | CPUXV2 MSP430F6xx Microcontroller IC 16-Bit 20MHz 64KB (64K x 8) FLASH 113-BGA Microstar Junior (7x7) | Data Converters                 | A/D 10x16b, D/A 2x12b      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-Bit                                                                                                | Core Processor                  | CPUXV2                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                  | I <sup>2</sup> C, IrDA, SCI, SPI, UART/USART, USB                                                     |                                 |                            |
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|  | Part#: <a href="#">MSP430FR2000IPW16R</a><br>Description: <a href="#">ULTRA LOW POWER MICRO CONTROLLER</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FG6426IPZR</a><br>Description: <a href="#">IC MCU 16BIT 128KB FLASH 100LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430FG478IZQWR</a><br>Description: <a href="#">IC MCU 16BIT 48KB FLASH 113BGA</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR2032IG48</a><br>Description: <a href="#">IC MCU 16BIT 8.5KB FRAM 48TSSOP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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