

MSP430F6635IZQWT



Part Number: [MSP430F6635IZQWT](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 256KB FLASH 113BGA](#)

Data sheet:

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                |                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | MSP430F6635IZQWT                           | Manufacturer                   | N/A                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 256KB FLASH 113BGA            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 5300 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                       | 18K x 8                                                                                                 |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                      | Program Memory Size            | 256KB (256K x 8)                                                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, DMA, 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                  | 74                                                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                            | 3 (168 Hours)                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                              |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                          | Detailed Description           | CPUXV2 MSP430F6xx Microcontroller IC 16-Bit 20MHz 256KB (256K x 8) FLASH 113-BGA Microstar Junior (7x7) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                             | A/D 16x12b                                 | Core Size                      | 16-Bit                                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                              | CPUXV2                                     | Connectivity                   | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART, USB                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                            | MSP430F6635                                |                                |                                                                                                         |
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