

MSP430G2113IRHB32R



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Part Number: [MSP430G2113IRHB32R](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 1KB FLASH 32VQFN](#)

Data sheet:

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                    |                                 |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | MSP430G2113IRHB32R                                                                 | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 1KB FLASH 32VQFN                                                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 69400 pcs                                                                          | Data sheet                      |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                        | 32-VQFN (5x5)                                                                      | Speed                           | 16MHz                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                         | MSP430G2xx                                                                         | RAM Size                        | 256 x 8                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                                                              | Program Memory Size             | 1KB (1K x 8)               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                    | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                         | Packaging                       | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                 | 32-VFQFN Exposed Pad                                                               | Oscillator Type                 | Internal                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                                                                  | Number of I/O                   | 24                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                               | 2 (1 Year)                                                                         | Manufacturer Standard Lead Time | 26 Weeks                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                                                         | EEPROM Size                     | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                           | MSP430 MSP430G2xx Microcontroller IC 16-Bit 16MHz 1KB (1K x 8) FLASH 32-VQFN (5x5) | Data Converters                 | -                          |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                      | 16-Bit                                                                             | Core Processor                  | MSP430                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                   | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                               | Base Part Number                | MSP430G2113                |
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