

MSP430FR2311IPW16R



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Part Number: [MSP430FR2311IPW16R](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 3.75KB FRAM 16TSSOP](#)

Data sheet:

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                  |                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | MSP430FR2311IPW16R                        | Manufacturer                     | N/A                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 3.75KB FRAM 16TSSOP          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 84773 pcs                                 | Data sheet                       |                                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                        | 16-TSSOP                                  | Speed                            | 16MHz                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                         | MSP430™ FRAM                              | RAM Size                         | 1K x 8                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                            | FRAM                                      | Program Memory Size              | 3.75KB (3.75K x 8)                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                    | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tape & Reel (TR)                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                 | 16-TSSOP (0.173", 4.40mm Width)           | Other Names                      | 296-47309-2<br>MSP430FR2311IPW16R-ND                                                 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                  | 11                                        | Moisture Sensitivity Level (MSL) | 2 (1 Year)                                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                | 12 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                           |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Detailed Description             | MSP430 MSP430™ FRAM Microcontroller IC 16-Bit 16MHz 3.75KB (3.75K x 8) FRAM 16-TSSOP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 8x10b                                 | Core Size                        | 16-Bit                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                 | MSP430                                    | Connectivity                     | I²C, IrDA, SCI, SPI, UART/USART                                                      |
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|  | Part#: <a href="#">MSP430FR2355TDBT</a><br>Description: <a href="#">MICROCONTROLLER</a>                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR2311IRGYR</a><br>Description: <a href="#">IC MCU 16BIT 3.75KB FRAM 16VQFN</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430FR2310IPW16R</a><br>Description: <a href="#">IC MCU 16BIT 3.75KB FRAM 16TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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