

MSP430FR6035IPZ



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Part Number: [MSP430FR6035IPZ](#)

Manufacturer: [N/A](#)

Description: [MSP430FR6035IPZ](#)

Data sheet:

RoHs Status:

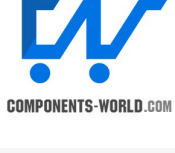
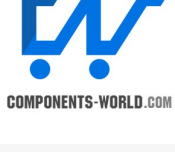
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                            |                                |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------|------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | MSP430FR6035IPZ                                                                            | Manufacturer                   | N/A              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | MSP430FR6035IPZ                                                                            | Lead Free Status / RoHS Status |                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 7673 pcs                                                                                   | Data sheet                     |                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                                  | Voltage - Supply (Vcc/Vdd)     | 1.8 V ~ 3.6 V    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                    | 100-LQFP (14x14)                                                                           | Speed                          | 16MHz            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | MSP430™ FRAM                                                                               | RAM Size                       | 8K x 8           |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                        | FRAM                                                                                       | Program Memory Size            | 128KB (128K x 8) |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                            | Packaging                      | Tray             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 100-LQFP                                                                                   | Oscillator Type                | Internal         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C (TA)                                                                          | Number of I/O                  | 76               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                            | 12 Weeks                                                                                   | EEPROM Size                    | -                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                       | CPUXV2 MSP430™ FRAM Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) FRAM 100-LQFP (14x14) | Data Converters                | A/D 18x12b       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                  | 16-Bit                                                                                     | Core Processor                 | CPUXV2           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                               | I²C, IrDA, SCI, SPI, UART/USART                                                            |                                |                  |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                    |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">MSP430FR5994IRGZR</a><br>Description: IC MCU 16BIT 256KB FRAM 48VQFN   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR6045IPZR</a><br>Description: MSP430FR6045IPZR                  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR59941IZVWR</a><br>Description: IC MCU 16BIT 256KB FRAM 87NFBGA | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR60371IPZR</a><br>Description: MSP430FR60371IPZR                | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR6037IPZR</a><br>Description: MSP430FR6037IPZR                  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR6035IPZR</a><br>Description: MSP430FR6035IPZR                  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430FR6047IPZ</a><br>Description: MSP430FR6047IPZ                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5994IZVW</a><br>Description: IC MCU 16BIT 256KB FRAM 87NFBGA   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR59941IZVW</a><br>Description: IC MCU 16BIT 256KB FRAM 87NFBGA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR60471IPZ</a><br>Description: MSP430FR60471IPZ                  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5994IPN</a><br>Description: MSP430FR5994IPN                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5994IZVWR</a><br>Description: IC MCU 16BIT 256KB FRAM 87NFBGA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR6045IPZ</a><br>Description: MSP430FR6045IPZ                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR6037IPZ</a><br>Description: MSP430FR6037IPZ                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5994IPMR</a><br>Description: IC MCU 16BIT 256KB FRAM 64LQFP    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5994IPNR</a><br>Description: IC MCU 16BIT 256KB FRAM 80LQFP    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5994IPM</a><br>Description: MSP430FR5994IPM                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430FR5994IRGZT</a><br>Description: IC MCU 16BIT 256KB FRAM 48VQFN   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

|                                             |                             |                          |                       |
|---------------------------------------------|-----------------------------|--------------------------|-----------------------|
| Related keywords for <b>MSP430FR6035IPZ</b> |                             |                          |                       |
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