



MSP430FR5987IPMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430FR5987IPMR                                                                                             |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 64KB FRAM 64LQFP                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 27347 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MSP430FR5987IPMR

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430FR5987IPMR                                                                        |
| MANUFACTURER                     | N/A                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT 64KB FRAM 64LQFP                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 27347 pcs                                                                               |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                           |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                         |
| SPEED                            | 16MHz                                                                                   |
| SERIES                           | MSP430™ FRAM                                                                            |
| RAM SIZE                         | 2K x 8                                                                                  |
| PROGRAM MEMORY TYPE              | FRAM                                                                                    |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                        |
| PACKAGE / CASE                   | 64-LQFP                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                       |
| NUMBER OF I/O                    | 48                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| EEPROM SIZE                      | -                                                                                       |
| DETAILED DESCRIPTION             | CPUXV2 MSP430™ FRAM Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) FRAM 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 12x12b                                                                              |
| CORE SIZE                        | 16-Bit                                                                                  |
| CORE PROCESSOR                   | CPUXV2                                                                                  |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                              |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| MSP430FR5987IPMR               | MSP430FR5987IPMR Distributor        | MSP430FR5987IPMR Supplier  |
| MSP430FR5987IPMR Price         | MSP430FR5987IPMR Pictures           | MSP430FR5987IPMR Image     |
| MSP430FR5987IPMR PDF Datasheet | MSP430FR5987IPMR Download Datasheet | MSP430FR5987IPMR Datasheet |
| MSP430FR5987IPMR Stock         | Buy MSP430FR5987IPMR                | Buy MSP430FR5987IPMR       |
| MSP430FR5987IPMR               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                  |                                                                                                                                  |                                                                                                                                  |                                                                                                                                   |                                                                                                                                   |                                                                                                                                 |                                                                                                                                   |                                                                                                                                 |                                                                                                                                   |                                                                                                                                 |                                                                                                                                 |
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| <div>MSP430FR5972IPMR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 64KB FRAM 64LQFP<br/>In stock: 40489 pcs</div> | <div>MSP430FR5988IPMR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 96KB FRAM 64LQFP<br/>In stock: 25464 pcs</div> | <div>MSP430FR5986IPMR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FRAM 64LQFP<br/>In stock: 24648 pcs</div> | <div>MSP430FR5987IRGCT</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 64KB FRAM 64VQFN<br/>In stock: 16703 pcs</div> | <div>MSP430FR5987IRGCR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 64KB FRAM 64VQFN<br/>In stock: 22556 pcs</div> | <div>MSP430FR5986IPM</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FRAM 64LQFP<br/>In stock: 19532 pcs</div> | <div>MSP430FR5988IRGCT</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 96KB FRAM 64VQFN<br/>In stock: 17268 pcs</div> | <div>MSP430FR5987IPM</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 64KB FRAM 64LQFP<br/>In stock: 18802 pcs</div> | <div>MSP430FR5972IRGCR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 64KB FRAM 64VQFN<br/>In stock: 45132 pcs</div> | <div>MSP430FR5972IPM</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 64KB FRAM 64LQFP<br/>In stock: 27923 pcs</div> | <div>MSP430FR5988IPM</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 96KB FRAM 64LQFP<br/>In stock: 16573 pcs</div> |
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