

M30626FJPGP#U7C



Part Number: [M30626FJPGP#U7C](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 512KB FLASH 100QFP

Data sheet:  [M16C/62P Group Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

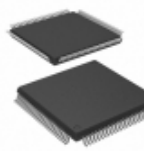
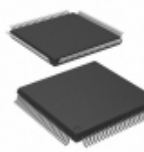
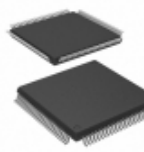
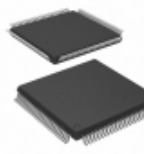
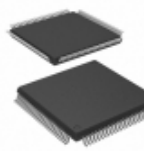
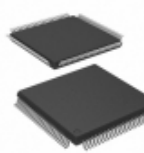
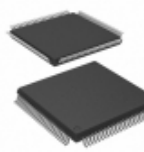
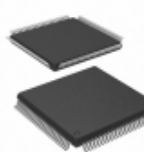
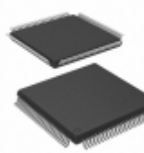
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | M30626FJPGP#U7C                           | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 16BIT 512KB FLASH 100QFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 4453 pcs                                  | Data sheet                     | <a href="#">M16C/62P Group Datasheet</a>                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                             | 100-LFQFP (14x14)                         | Speed                          | 24MHz                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                              | M16C™ M16C/60/62P                         | RAM Size                       | 31K x 8                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                 | FLASH                                     | Program Memory Size            | 512KB (512K x 8)                                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                         | DMA, WDT                                  | Packaging                      | Tray                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                      | 100-LQFP                                  | Oscillator Type                | Internal                                                                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C (TA)                         | Number of I/O                  | 85                                                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                    | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                         |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Detailed Description           | M16C/60 M16C™ M16C/60/62P Microcontroller IC 16-Bit 24MHz 512KB (512K x 8) FLASH 100-LFQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                     | A/D 26x10b; D/A 2x8b                      | Core Size                      | 16-Bit                                                                                             |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                      | M16C/60                                   | Connectivity                   | I²C, IEBus, UART/USART                                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | M30626                                    |                                |                                                                                                    |
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|  | Part#: <a href="#">M30627FHPGP#U3C</a><br>Description: IC MCU 16BIT 384KB FLASH 128LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">M30626FJFPF#U3C</a><br>Description: IC MCU 16BIT 512KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30627FHPGP#U9C</a><br>Description: IC MCU 16BIT 384KB FLASH 128LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30626SPGP#U3C</a><br>Description: IC MCU 16BIT ROMLESS 100LFQFP      | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30627FHPGP#U7C</a><br>Description: IC MCU 16BIT 384KB FLASH 128LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30626SPFP#U3C</a><br>Description: IC MCU 16BIT ROMLESS 100QFP        | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">M30626SPFP#U5C</a><br>Description: IC MCU 16BIT ROMLESS 100QFP        | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30626FHPGP#U3C</a><br>Description: IC MCU 16BIT 384KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30626FJPGP#UJC</a><br>Description: MCU LQFP                          | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30627FJPGP#U3C</a><br>Description: IC MCU 16BIT 512KB FLASH 128LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |

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