

M30281F6HP#U7B



Part Number: [M30281F6HP#U7B](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 48KB FLASH 64LFQFP

Data sheet:  [M16C/28 Group Datasheet](#)  
 [MC16C/28 Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

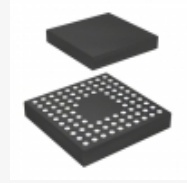
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy M30281F6HP#U7B with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                |                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | M30281F6HP#U7B                            | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 16BIT 48KB FLASH 64LFQFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5979 pcs                                  | Data sheet                     | <a href="#">M16C/28 Group Datasheet</a><br><a href="#">MC16C/28 Hardware Manual</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 64-LFQFP (10x10)                          | Speed                          | 20MHz                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M16C™ M16C/Tiny/28                        | RAM Size                       | 4K x 8                                                                                           |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FLASH                                     | Program Memory Size            | 48KB (48K x 8)                                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DMA, POR, PWM, Voltage Detect, WDT        | Packaging                      | Tray                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 64-LQFP                                   | Oscillator Type                | Internal                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                         | Number of I/O                  | 55                                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                       |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Detailed Description           | M16C/60 M16C™ M16C/Tiny/28 Microcontroller IC 16-Bit 20MHz 48KB (48K x 8) FLASH 64-LFQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A/D 13x10b                                | Core Size                      | 16-Bit                                                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | M16C/60                                   | Connectivity                   | I²C, IEBus, SIO, UART/USART                                                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M30281                                    |                                |                                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 5979 pieces of Renesas Electronics America M30281F6HP#U7B in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                  |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                            |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">M30280FCHP#U7B</a><br>Description: IC MCU 16BIT 128KB FLASH 80LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281F8HP#U7B</a><br>Description: IC MCU 16BIT 64KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30280FCHP#U9B</a><br>Description: IC MCU 16BIT 128KB FLASH 80LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281F8HP#U5B</a><br>Description: IC MCU 16BIT 64KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30280FCHP#U5B</a><br>Description: IC MCU 16BIT 128KB FLASH 80LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30280FAWG#U9B</a><br>Description: MCU LQFP                        | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281F6HP#U3B</a><br>Description: IC MCU 16BIT 48KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281FAHP#U3B</a><br>Description: IC MCU 16BIT 96KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30280FATHP#U3A</a><br>Description: MCU LQFP                       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281F8HP#U9B</a><br>Description: IC MCU 16BIT 64KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281FAHP#U9B</a><br>Description: IC MCU 16BIT 96KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30280FAWG#U7B</a><br>Description: IC MCU 16BIT 96KB FLASH 85TFLGA | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30280FAWG#U5B</a><br>Description: IC MCU 16BIT 96KB FLASH 85TFLGA | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281FAHP#U7B</a><br>Description: IC MCU 16BIT 96KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281F8HP#U3B</a><br>Description: IC MCU 16BIT 64KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30280FCHP#U3B</a><br>Description: IC MCU 16BIT 128KB FLASH 80LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281FAHP#U5B</a><br>Description: IC MCU 16BIT 96KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281F6HP#U9B</a><br>Description: IC MCU 16BIT 48KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281F8HP</a><br>Description: MCU LQFP                            | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M30281F6HP#U5B</a><br>Description: IC MCU 16BIT 48KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |

|                                            |                                        |                         |                      |
|--------------------------------------------|----------------------------------------|-------------------------|----------------------|
| Related keywords for <b>M30281F6HP#U7B</b> |                                        |                         |                      |
| Renesas Electronics America M30281F6HP#U7B | M30281F6HP#U7B distributor             | M30281F6HP#U7B supplier | M30281F6HP#U7B price |
| M30281F6HP#U7B download datasheet          | M30281F6HP#U7B datasheet               | M30281F6HP#U7B stock    | buy M30281F6HP#U7B   |
| Renesas Electronics America M30281F6HP#U7B | Renesas Technology Corp M30281F6HP#U7B | Renesas M30281F6HP#U7B  |                      |