



Renesas Electronics America



M30281F6HP#U7B

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M30281F6HP#U7B                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 48KB FLASH 64LFQFP                                                                              |
| Datasheets:         |  1.M30281F6HP#U7B.pdf       |
|                     |  2.M30281F6HP#U7B.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5815 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of M30281F6HP#U7B

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M30281F6HP#U7B                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                              |
| DESCRIPTION                      | IC MCU 16BIT 48KB FLASH 64LFQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 5815 pcs                                                                                                 |
| DATA SHEET                       |  1.M30281F6HP#U7B.pdf |
|                                  |  2.M30281F6HP#U7B.pdf |
| 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                                                                                                   |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America M30281F6HP#U7B | M30281F6HP#U7B Distributor             | M30281F6HP#U7B Supplier                        |
| M30281F6HP#U7B Price                       | M30281F6HP#U7B Pictures                | M30281F6HP#U7B Image                           |
| M30281F6HP#U7B PDF Datasheet               | M30281F6HP#U7B Download Datasheet      | M30281F6HP#U7B Datasheet                       |
| M30281F6HP#U7B Stock                       | Buy M30281F6HP#U7B                     | Buy Renesas Electronics America M30281F6HP#U7B |
| Renesas Electronics America M30281F6HP#U7B | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America M30281F6HP#U7B | Renesas Technology Corp M30281F6HP#U7B | Renesas M30281F6HP#U7B                         |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>M30281F6HP#U9B</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64LFQFP<br/>In stock: 4051 pcs</div> <div>RFQ</div>  |  <div><b>M30281F8HP#U3B</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LFQFP<br/>In stock: 5749 pcs</div> <div>RFQ</div> |
|  <div><b>M30281F8HP#U9B</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LFQFP<br/>In stock: 6263 pcs</div> <div>RFQ</div>  |  <div><b>M30280FCHP#U9B</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 80LQFP<br/>In stock: 7836 pcs</div> <div>RFQ</div> |
|  <div><b>M30281F6HP#U5B</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64LFQFP<br/>In stock: 10549 pcs</div> <div>RFQ</div> |  <div><b>M30280FCHP#U7B</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 80LQFP<br/>In stock: 8238 pcs</div> <div>RFQ</div> |
|  <div><b>M30281F8HP#U7B</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LFQFP<br/>In stock: 4997 pcs</div> <div>RFQ</div>  |  <div><b>M30280FCHP#U5B</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 80LQFP<br/>In stock: 7720 pcs</div> <div>RFQ</div> |
|  <div><b>M30281F8HP#U5B</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LFQFP<br/>In stock: 11494 pcs</div> <div>RFQ</div> |  <div><b>M30280FCHP#U3B</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 80LQFP<br/>In stock: 3551 pcs</div> <div>RFQ</div> |
|  <div><b>M30281F8HP</b><br/>Manufacturers: Renesas Electronics America<br/>Description: MCU LQFP<br/>In stock: 4362 pcs</div> <div>RFQ</div>                             |  <div><b>M30281F6HP#U3B</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64LFQFP<br/>In stock: 6903 pcs</div> <div>RFQ</div> |