



Renesas Electronics America



Image may be representation. See specifications for product details.

M30875FHBGP#U3

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M30875FHBGP#U3                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 384KB FLASH 144QFP                                                                              |
|                     |  1.M30875FHBGP#U3.pdf       |
|                     |  2.M30875FHBGP#U3.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

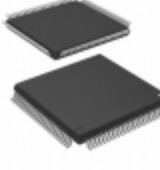
Specifications of M30875FHBGP#U3

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M30875FHBGP#U3                                                                                                                                                                                                       |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 384KB FLASH 144QFP                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| DATA SHEET                       |  1.M30875FHBGP#U3.pdf<br> 2.M30875FHBGP#U3.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                                                                                                                     |
| SPEED                            | 32MHz                                                                                                                                                                                                                |
| SERIES                           | M16C™ M32C/80/87                                                                                                                                                                                                     |
| RAM SIZE                         | 24K x 8                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                                                                                                                                                     |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                                                                                                                   |
| PACKAGING                        | Tray                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                             |
| OTHER NAMES                      | M30875FHBGPU3                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 121                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | M32C/80 M16C™ M32C/80/87 Microcontroller IC 16/32-Bit 32MHz 384KB (384K x 8) FLASH 144-LQFP (20x20)                                                                                                                  |
| DATA CONVERTERS                  | A/D 34x10b, D/A 2x8b                                                                                                                                                                                                 |
| CORE SIZE                        | 16/32-Bit                                                                                                                                                                                                            |
| CORE PROCESSOR                   | M32C/80                                                                                                                                                                                                              |
| CONNECTIVITY                     | EBI/EMI, I²C, IEBus, IrDA, SIO, UART/USART                                                                                                                                                                           |
| BASE PART NUMBER                 | M30875                                                                                                                                                                                                               |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America M30875FHBGP#U3 | M30875FHBGP#U3 Distributor             | M30875FHBGP#U3 Supplier                        |
| M30875FHBGP#U3 Price                       | M30875FHBGP#U3 Pictures                | M30875FHBGP#U3 Image                           |
| M30875FHBGP#U3 PDF Datasheet               | M30875FHBGP#U3 Download Datasheet      | M30875FHBGP#U3 Datasheet                       |
| M30875FHBGP#U3 Stock                       | Buy M30875FHBGP#U3                     | Buy Renesas Electronics America M30875FHBGP#U3 |
| Renesas Electronics America M30875FHBGP#U3 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America M30875FHBGP#U3 | Renesas Technology Corp M30875FHBGP#U3 | Renesas M30875FHBGP#U3                         |

Related Products

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|  <div><b>M30875FHAGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144QFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>M30873FHGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>M30875FHAGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144QFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>M30873FHBGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>M30876FJAGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>M30873FHBGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: 123 pcs<br/><div>RFQ</div></div>   |
|  <div><b>M30875FHGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>M30876FJAGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100QFP<br/>In stock: 174 pcs<br/><div>RFQ</div></div>   |
|  <div><b>M30875FHGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>M30875FHBGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144QFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>M30876FJBGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>M30873FHGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |