



Renesas Electronics America



Image may be representation. See specifications for product details.

M30879FKBGP#U5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M30879FKBGP#U5                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 768KB FLASH 100QFP                                                                              |
| Datasheets:         |  1.M30879FKBGP#U5.pdf       |
|                     |  2.M30879FKBGP#U5.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3560 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

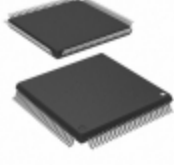
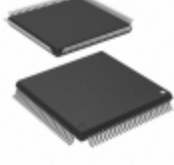
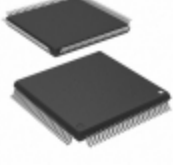
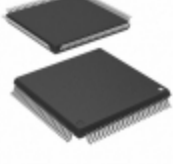
Specifications of M30879FKBGP#U5

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M30879FKBGP#U5                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 768KB FLASH 100QFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 3560 pcs                                                                                                 |
| DATA SHEET                       |  1.M30879FKBGP#U5.pdf |
|                                  |  2.M30879FKBGP#U5.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 100-LFQFP (14x14)                                                                                        |
| SPEED                            | 32MHz                                                                                                    |
| SERIES                           | M16C™ M32C/80/87                                                                                         |
| RAM SIZE                         | 48K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 768KB (768K x 8)                                                                                         |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                       |
| PACKAGING                        | Tray                                                                                                     |
| PACKAGE / CASE                   | 100-LQFP                                                                                                 |
| OTHER NAMES                      | M30879FKBGPU5                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -20°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             | M32C/80 M16C™ M32C/80/87 Microcontroller IC 16/32-Bit 32MHz 768KB (768K x 8) FLASH 100-LFQFP (14x14)     |
| DATA CONVERTERS                  | A/D 26x10b; D/A 2x8b                                                                                     |
| CORE SIZE                        | 16/32-Bit                                                                                                |
| CORE PROCESSOR                   | M32C/80                                                                                                  |
| CONNECTIVITY                     | EBI/EMI, I²C, IEBus, IrDA, SIO, UART/USART                                                               |
| BASE PART NUMBER                 | M30879                                                                                                   |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America M30879FKBGP#U5 | M30879FKBGP#U5 Distributor             | M30879FKBGP#U5 Supplier                        |
| M30879FKBGP#U5 Price                       | M30879FKBGP#U5 Pictures                | M30879FKBGP#U5 Image                           |
| M30879FKBGP#U5 PDF Datasheet               | M30879FKBGP#U5 Download Datasheet      | M30879FKBGP#U5 Datasheet                       |
| M30879FKBGP#U5 Stock                       | Buy M30879FKBGP#U5                     | Buy Renesas Electronics America M30879FKBGP#U5 |
| Renesas Electronics America M30879FKBGP#U5 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America M30879FKBGP#U5 | Renesas Technology Corp M30879FKBGP#U5 | Renesas M30879FKBGP#U5                         |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                           |
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| <div></div> <div><b>M30879FLAFP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100QFP<br/>In stock: 4391 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>M30879FLAFP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100QFP<br/>In stock: 4499 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>M30879FKAGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 100QFP<br/>In stock: 5433 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>M30879FLAGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LFQFP<br/>In stock: 6001 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>M30878FJGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 144QFP<br/>In stock: 5402 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>M30879FKBGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 100QFP<br/>In stock: 3673 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>M30879FKGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 100QFP<br/>In stock: 3456 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>M30878FJBGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 144QFP<br/>In stock: 3800 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>M30879FKGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 100QFP<br/>In stock: 3610 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>M30879FKAGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 100QFP<br/>In stock: 2747 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>M30878FJGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 144QFP<br/>In stock: 4137 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>M30879FLAGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LFQFP<br/>In stock: 3143 pcs<br/><div>RFQ</div></div> |