



Renesas Electronics America



Image may be representation. See specifications for product details.

M30845FWGP#U5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M30845FWGP#U5                                                                                                |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 320KB FLASH 144QFP                                                                              |
| Datasheets:         |  1.M30845FWGP#U5.pdf        |
|                     |  2.M30845FWGP#U5.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5779 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

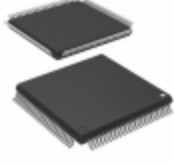
Specifications of M30845FWGP#U5

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M30845FWGP#U5                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 320KB FLASH 144QFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 5779 pcs                                                                                                |
| DATA SHEET                       |  1.M30845FWGP#U5.pdf |
|                                  |  2.M30845FWGP#U5.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 144-LFQFP (20x20)                                                                                       |
| SPEED                            | 32MHz                                                                                                   |
| SERIES                           | M16C™ M32C/80/84                                                                                        |
| RAM SIZE                         | 24K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 320KB (320K x 8)                                                                                        |
| PERIPHERALS                      | DMA, PWM, WDT                                                                                           |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 144-LQFP                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -20°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/80/84 Microcontroller IC 16/32-Bit 32MHz 320KB (320K x 8) FLASH 144-LFQFP (20x20)    |
| DATA CONVERTERS                  | A/D 34x10b, D/A 2x8b                                                                                    |
| CORE SIZE                        | 16/32-Bit                                                                                               |
| CORE PROCESSOR                   | M32C/80                                                                                                 |
| CONNECTIVITY                     | CANbus, I²C, IEBus, SIO, UART/USART                                                                     |
| BASE PART NUMBER                 | M30845                                                                                                  |

Related Tags

|                                           |                                       |                                               |
|-------------------------------------------|---------------------------------------|-----------------------------------------------|
| Renesas Electronics America M30845FWGP#U5 | M30845FWGP#U5 Distributor             | M30845FWGP#U5 Supplier                        |
| M30845FWGP#U5 Price                       | M30845FWGP#U5 Pictures                | M30845FWGP#U5 Image                           |
| M30845FWGP#U5 PDF Datasheet               | M30845FWGP#U5 Download Datasheet      | M30845FWGP#U5 Datasheet                       |
| M30845FWGP#U5 Stock                       | Buy M30845FWGP#U5                     | Buy Renesas Electronics America M30845FWGP#U5 |
| Renesas Electronics America M30845FWGP#U5 | Renesas Electronics America Supplier  | Renesas Electronics America Distributor       |
| Renesas Electronics America M30845FWGP#U5 | Renesas Technology Corp M30845FWGP#U5 | Renesas M30845FWGP#U5                         |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>M30843FWGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 320KB FLASH 100QFP<br/>In stock: 5446 pcs<br/><div>RFQ</div></div> |  <div><b>M30845FHGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144QFP<br/>In stock: 3690 pcs<br/><div>RFQ</div></div> |
|  <div><b>M30845FJGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 144QFP<br/>In stock: 2668 pcs<br/><div>RFQ</div></div> |  <div><b>M30853FJFP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100QFP<br/>In stock: 5317 pcs<br/><div>RFQ</div></div> |
|  <div><b>M30853FHFP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: 3285 pcs<br/><div>RFQ</div></div> |  <div><b>M30845FJGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 144QFP<br/>In stock: 3021 pcs<br/><div>RFQ</div></div> |
|  <div><b>M30845FWGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 320KB FLASH 144QFP<br/>In stock: 4301 pcs<br/><div>RFQ</div></div> |  <div><b>M30845FHGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144QFP<br/>In stock: 6429 pcs<br/><div>RFQ</div></div> |
|  <div><b>M30853FHGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: 6382 pcs<br/><div>RFQ</div></div> |  <div><b>M30853FHGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: 2410 pcs<br/><div>RFQ</div></div> |
|  <div><b>M30853FHFP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: 3072 pcs<br/><div>RFQ</div></div> |  <div><b>M30853FJFP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100QFP<br/>In stock: 2910 pcs<br/><div>RFQ</div></div> |