

RENESAS

Renesas Electronics America



Image may be representation. See specifications for product details.

M306NLFHGP#U3

|                     |                                 |
|---------------------|---------------------------------|
| Part Number:        | M306NLFHGP#U3                   |
| Manufacturer/Brand: | Renesas Electronics America     |
| Product description | IC MCU 16BIT 384KB FLASH 100QFP |
| Datasheets:         | 1.M306NLFHGP#U3.pdf             |
|                     | 2.M306NLFHGP#U3.pdf             |
| RoHs Status         | Lead free / RoHS Compliant      |
| Stock Condition     | 4105 pcs stock                  |
| Ship From           | Hong Kong                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS           |

REQUEST FOR QUOTATION

Specifications of M306NLFHGP#U3

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M306NLFHGP#U3                                                                                      |
| MANUFACTURER                     | Renesas Electronics America                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 384KB FLASH 100QFP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 4105 pcs                                                                                           |
| DATA SHEET                       | 1.M306NLFHGP#U3.pdf                                                                                |
|                                  | 2.M306NLFHGP#U3.pdf                                                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 100-LFQFP (14x14)                                                                                  |
| SPEED                            | 24MHz                                                                                              |
| SERIES                           | M16C™ M16C/60/6NL                                                                                  |
| RAM SIZE                         | 31K x 8                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                              |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                                   |
| PERIPHERALS                      | DMA, WDT                                                                                           |
| PACKAGING                        | Tray                                                                                               |
| PACKAGE / CASE                   | 100-LQFP                                                                                           |
| OTHER NAMES                      | M306NLFHGPU3                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -40°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             | M16C/60 M16C™ M16C/60/6NL Microcontroller IC 16-Bit 24MHz 384KB (384K x 8) FLASH 100-LFQFP (14x14) |
| DATA CONVERTERS                  | A/D 26x10b; D/A 2x8b                                                                               |
| CORE SIZE                        | 16-Bit                                                                                             |
| CORE PROCESSOR                   | M16C/60                                                                                            |
| CONNECTIVITY                     | CANbus, I²C, IEBus, SIO, UART/USART                                                                |
| BASE PART NUMBER                 | M306N                                                                                              |

Related Tags

|                                           |                                       |                                               |
|-------------------------------------------|---------------------------------------|-----------------------------------------------|
| Renesas Electronics America M306NLFHGP#U3 | M306NLFHGP#U3 Distributor             | M306NLFHGP#U3 Supplier                        |
| M306NLFHGP#U3 Price                       | M306NLFHGP#U3 Pictures                | M306NLFHGP#U3 Image                           |
| M306NLFHGP#U3 PDF Datasheet               | M306NLFHGP#U3 Download Datasheet      | M306NLFHGP#U3 Datasheet                       |
| M306NLFHGP#U3 Stock                       | Buy M306NLFHGP#U3                     | Buy Renesas Electronics America M306NLFHGP#U3 |
| Renesas Electronics America M306NLFHGP#U3 | Renesas Electronics America Supplier  | Renesas Electronics America Distributor       |
| Renesas Electronics America M306NLFHGP#U3 | Renesas Technology Corp M306NLFHGP#U3 | Renesas M306NLFHGP#U3                         |

Related Products

|                                                                                                                                                                                                         |                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>RENESAS</div> <div>M306NMFJGP#U3</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT 512KB FLASH 128LQFP</div> <div>In stock: 3223 pcs</div> <div>RFQ</div> | <div>RENESAS</div> <div>M306NNFHGP#U3</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT 384KB FLASH 128LQFP</div> <div>In stock: 3498 pcs</div> <div>RFQ</div> |
| <div>RENESAS</div> <div>M306NNFJGP#U3</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT 512KB FLASH 128LQFP</div> <div>In stock: 3769 pcs</div> <div>RFQ</div> | <div></div> <div>M306NKFJGP#U3</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT 512KB FLASH 100QFP</div> <div>In stock: 2934 pcs</div> <div>RFQ</div>         |
| <div>RENESAS</div> <div>M306S0FADGP#U3</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT 96KB FLASH 64LFQFP</div> <div>In stock: 3024 pcs</div> <div>RFQ</div> | <div></div> <div>M306N5FCGP#U3</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT 128KB FLASH 100QFP</div> <div>In stock: 5225 pcs</div> <div>RFQ</div>         |
| <div></div> <div>M306NKFHGP#U3</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT 384KB FLASH 100QFP</div> <div>In stock: 2797 pcs</div> <div>RFQ</div>         | <div>RENESAS</div> <div>M306NMFHGP#U3</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT 384KB FLASH 128LQFP</div> <div>In stock: 4911 pcs</div> <div>RFQ</div> |
| <div>RENESAS</div> <div>M306N4MGT-179FPUSL</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT</div> <div>In stock: 5982 pcs</div> <div>RFQ</div>                | <div>RENESAS</div> <div>M306N4MGT-180FPUSQ</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT</div> <div>In stock: 3806 pcs</div> <div>RFQ</div>                |
| <div></div> <div>M306N5CTFP#UK</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT 128KB FLASH 100QFP</div> <div>In stock: 4743 pcs</div> <div>RFQ</div>         | <div></div> <div>M306NLFJGP#U3</div> <div>Manufacturers: Renesas Electronics America</div> <div>Description: IC MCU 16BIT 512KB FLASH 100QFP</div> <div>In stock: 2883 pcs</div> <div>RFQ</div>         |