



Renesas Electronics America



M306S0FAGP#U5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M306S0FAGP#U5                                                                                                |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 96KB FLASH 64LFQFP                                                                              |
| Datasheets:         |  M306S0FAGP#U5.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5256 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

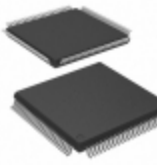
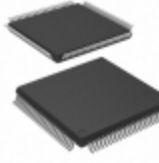
Specifications of M306S0FAGP#U5

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M306S0FAGP#U5                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                           |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 64LFQFP                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 5256 pcs                                                                                              |
| DATA SHEET                       |  M306S0FAGP#U5.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 64-LFQFP (10x10)                                                                                      |
| SPEED                            | 15MHz                                                                                                 |
| SERIES                           | M16C™ M16C/60/6S                                                                                      |
| RAM SIZE                         | 24K x 8                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                                        |
| PERIPHERALS                      | DMA, WDT                                                                                              |
| PACKAGING                        | Tray                                                                                                  |
| PACKAGE / CASE                   | 64-LQFP                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 20                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| EEPROM SIZE                      | -                                                                                                     |
| DETAILED DESCRIPTION             | M16C/60 M16C™ M16C/60/6S Microcontroller IC 16-Bit 15MHz 96KB (96K x 8) FLASH 64-LFQFP (10x10)        |
| DATA CONVERTERS                  | -                                                                                                     |
| CORE SIZE                        | 16-Bit                                                                                                |
| CORE PROCESSOR                   | M16C/60                                                                                               |
| CONNECTIVITY                     | I²C, SIO, UART/USART                                                                                  |
| BASE PART NUMBER                 | M306S                                                                                                 |

Related Tags

|                                           |                                       |                                               |
|-------------------------------------------|---------------------------------------|-----------------------------------------------|
| Renesas Electronics America M306S0FAGP#U5 | M306S0FAGP#U5 Distributor             | M306S0FAGP#U5 Supplier                        |
| M306S0FAGP#U5 Price                       | M306S0FAGP#U5 Pictures                | M306S0FAGP#U5 Image                           |
| M306S0FAGP#U5 PDF Datasheet               | M306S0FAGP#U5 Download Datasheet      | M306S0FAGP#U5 Datasheet                       |
| M306S0FAGP#U5 Stock                       | Buy M306S0FAGP#U5                     | Buy Renesas Electronics America M306S0FAGP#U5 |
| Renesas Electronics America M306S0FAGP#U5 | Renesas Electronics America Supplier  | Renesas Electronics America Distributor       |
| Renesas Electronics America M306S0FAGP#U5 | Renesas Technology Corp M306S0FAGP#U5 | Renesas M306S0FAGP#U5                         |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>M30800SAFP-BL#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT ROMLESS 100QFP<br/>In stock: 3990 pcs<br/><b>RFQ</b></div>    |  <div><b>M30833FJGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100QFP<br/>In stock: 2061 pcs<br/><b>RFQ</b></div>  |
|  <div><b>M306NMFJGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 128LQFP<br/>In stock: 3223 pcs<br/><b>RFQ</b></div>  |  <div><b>M306NNFJGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 128LQFP<br/>In stock: 3769 pcs<br/><b>RFQ</b></div> |
|  <div><b>M306NNFHGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 384KB FLASH 128LQFP<br/>In stock: 3498 pcs<br/><b>RFQ</b></div>  |  <div><b>M30800SAFP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT ROMLESS 100QFP<br/>In stock: 5928 pcs<br/><b>RFQ</b></div>      |
|  <div><b>M306NMFHGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 384KB FLASH 128LQFP<br/>In stock: 4911 pcs<br/><b>RFQ</b></div>  |  <div><b>M30833FJFP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100QFP<br/>In stock: 1981 pcs<br/><b>RFQ</b></div>  |
|  <div><b>M30800SAGP-BL#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT ROMLESS 100LFQFP<br/>In stock: 11464 pcs<br/><b>RFQ</b></div> |  <div><b>M306S0FAGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LFQFP<br/>In stock: 6546 pcs<br/><b>RFQ</b></div>  |
|  <div><b>M30833FJFP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100QFP<br/>In stock: 1690 pcs<br/><b>RFQ</b></div>   |  <div><b>M306S0FADGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LFQFP<br/>In stock: 3024 pcs<br/><b>RFQ</b></div> |