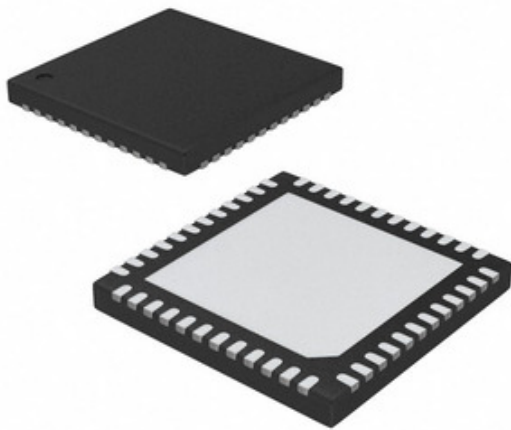




Renesas Electronics America



R5F11AGHANB#20

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F11AGHANB#20                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 192KB FLASH 48HWQFN                                                                             |
|                     | <a href="#">1.R5F11AGHANB#20.pdf</a>                                                                         |
|                     | <a href="#">2.R5F11AGHANB#20.pdf</a>                                                                         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

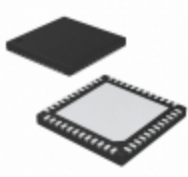
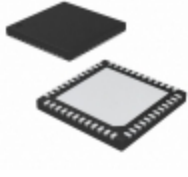
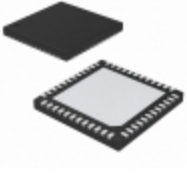
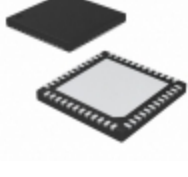
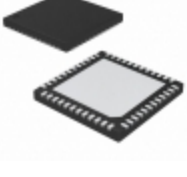
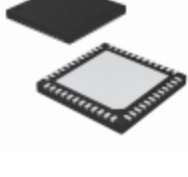
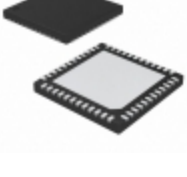
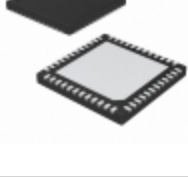
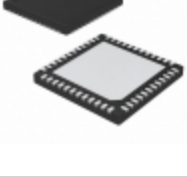
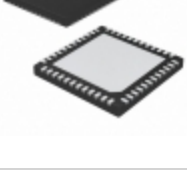
Specifications of R5F11AGHANB#20

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F11AGHANB#20                                                                      |
| MANUFACTURER                     | Renesas Electronics America                                                         |
| DESCRIPTION                      | IC MCU 16BIT 192KB FLASH 48HWQFN                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| DATA SHEET                       | <a href="#">1.R5F11AGHANB#20.pdf</a><br><a href="#">2.R5F11AGHANB#20.pdf</a>        |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                       |
| SUPPLIER DEVICE PACKAGE          | 48-HWQFN (6x6)                                                                      |
| SPEED                            | 32MHz                                                                               |
| SERIES                           | RL78/G1D                                                                            |
| RAM SIZE                         | 16K x 8                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                               |
| PROGRAM MEMORY SIZE              | 192KB (192K x 8)                                                                    |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                             |
| PACKAGING                        | Tray                                                                                |
| PACKAGE / CASE                   | 48-WFQFN Exposed Pad                                                                |
| OSCILLATOR TYPE                  | Internal                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                   |
| NUMBER OF I/O                    | 32                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| EEPROM SIZE                      | 8K x 8                                                                              |
| DETAILED DESCRIPTION             | RL78 RL78/G1D Microcontroller IC 16-Bit 32MHz 192KB (192K x 8) FLASH 48-HWQFN (6x6) |
| DATA CONVERTERS                  | A/D 8x10b                                                                           |
| CORE SIZE                        | 16-Bit                                                                              |
| CORE PROCESSOR                   | RL78                                                                                |
| CONNECTIVITY                     | CSI, I <sup>2</sup> C, UART/USART                                                   |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F11AGHANB#20 | R5F11AGHANB#20 Distributor             | R5F11AGHANB#20 Supplier                        |
| R5F11AGHANB#20 Price                       | R5F11AGHANB#20 Pictures                | R5F11AGHANB#20 Image                           |
| R5F11AGHANB#20 PDF Datasheet               | R5F11AGHANB#20 Download Datasheet      | R5F11AGHANB#20 Datasheet                       |
| R5F11AGHANB#20 Stock                       | Buy R5F11AGHANB#20                     | Buy Renesas Electronics America R5F11AGHANB#20 |
| Renesas Electronics America R5F11AGHANB#20 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F11AGHANB#20 | Renesas Technology Corp R5F11AGHANB#20 | Renesas R5F11AGHANB#20                         |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F11AGGANB#40</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 48HWQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>R5F117GCGFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 48LFQFP<br/>In stock: 57 pcs<br/><b>RFQ</b></div>     |
|  <div><b>R5F11AGHDNB#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 192KB FLASH 48HWQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>R5F11AGGANB#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 48HWQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>R5F11AGJANB#40</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 48HWQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>R5F11AGJDNB#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 48HWQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>R5F11AGHDNB#40</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 192KB FLASH 48HWQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>R5F11AGJANB#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 48HWQFN<br/>In stock: 327 pcs<br/><b>RFQ</b></div>   |
|  <div><b>R5F11AGGDNB#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 48HWQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>R5F11AGHANB#40</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 192KB FLASH 48HWQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>R5F117GCGFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 48LFQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>R5F11AGGDNB#40</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 48HWQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |