



Renesas Electronics America

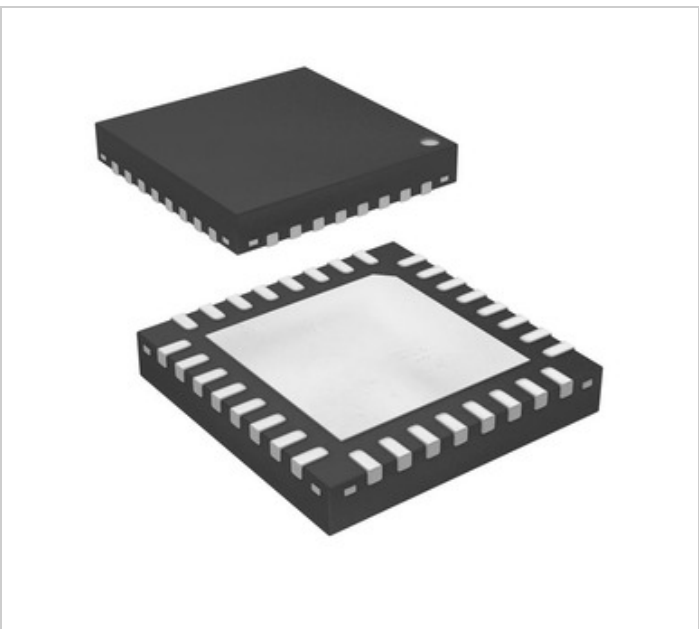


Image may be representation. See specifications for product details.

R5F100BFDNA#U0

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F100BFDNA#U0                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                          |
| Product description | IC MCU 16BIT 96KB FLASH 32HWQFN                                                                                      |
| Datasheets:         |  <a href="#">R5F100BFDNA#U0.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

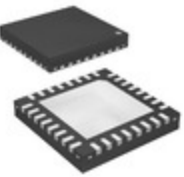
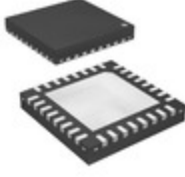
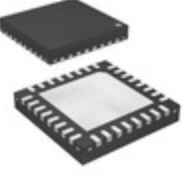
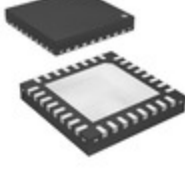
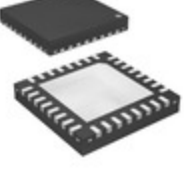
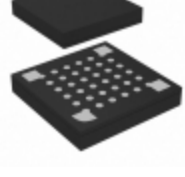
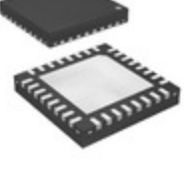
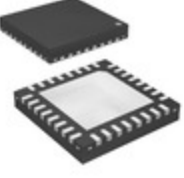
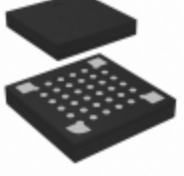
Specifications of R5F100BFDNA#U0

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F100BFDNA#U0                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 32HWQFN                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |  <a href="#">R5F100BFDNA#U0.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 32-HWQFN (5x5)                                                                                                         |
| SPEED                            | 32MHz                                                                                                                  |
| SERIES                           | RL78/G13                                                                                                               |
| RAM SIZE                         | 8K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 32-WFQFN Exposed Pad                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 22                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | -                                                                                                                      |
| DETAILED DESCRIPTION             | RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 96KB (96K x 8) FLASH 32-HWQFN (5x5)                                      |
| DATA CONVERTERS                  | A/D 8x8/10b                                                                                                            |
| CORE SIZE                        | 16-Bit                                                                                                                 |
| CORE PROCESSOR                   | RL78                                                                                                                   |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                                           |
| BASE PART NUMBER                 | R5F100                                                                                                                 |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F100BFDNA#U0 | R5F100BFDNA#U0 Distributor             | R5F100BFDNA#U0 Supplier                        |
| R5F100BFDNA#U0 Price                       | R5F100BFDNA#U0 Pictures                | R5F100BFDNA#U0 Image                           |
| R5F100BFDNA#U0 PDF Datasheet               | R5F100BFDNA#U0 Download Datasheet      | R5F100BFDNA#U0 Datasheet                       |
| R5F100BFDNA#U0 Stock                       | Buy R5F100BFDNA#U0                     | Buy Renesas Electronics America R5F100BFDNA#U0 |
| Renesas Electronics America R5F100BFDNA#U0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F100BFDNA#U0 | Renesas Technology Corp R5F100BFDNA#U0 | Renesas R5F100BFDNA#U0                         |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
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| <div></div> <div><b>R5F100BGANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 32HWQFN<br/>In stock: 289 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>R5F100BDDNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 32HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F100BEDNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 32HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F100BEGNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 32HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F100BGDNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 32HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>R5F100BFANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 32HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F100CAALA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 36WFLGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F100BGANA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 32HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F100BDGNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 48KB/3KB+4KB 32QFN -40_<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>R5F100BEANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 32HWQFN<br/>In stock: 1 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>R5F100BFGNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 96KB/8KB+8KB 32QFN -40_<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>R5F100CAALA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 36WFLGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |