



R5F100CAALA#W0

|                     |                                                                              |
|---------------------|------------------------------------------------------------------------------|
| Part Number:        | R5F100CAALA#W0                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                  |
| Product description | IC MCU 16BIT 16KB FLASH 36WFLGA                                              |
| Datasheets:         | <a href="#">1.R5F100CAALA#W0.pdf</a><br><a href="#">2.R5F100CAALA#W0.pdf</a> |
| RoHs Status         | Lead free / RoHS Compliant                                                   |
| Ship From           | Hong Kong                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                        |

REQUEST FOR QUOTATION

Specifications of R5F100CAALA#W0

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | R5F100CAALA#W0                                                                    |
| MANUFACTURER                     | Renesas Electronics America                                                       |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 36WFLGA                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| DATA SHEET                       | <a href="#">1.R5F100CAALA#W0.pdf</a><br><a href="#">2.R5F100CAALA#W0.pdf</a>      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                     |
| SUPPLIER DEVICE PACKAGE          | 36-WFLGA (4x4)                                                                    |
| SPEED                            | 32MHz                                                                             |
| SERIES                           | RL78/G13                                                                          |
| RAM SIZE                         | 2K x 8                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                             |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                    |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                  |
| PACKAGE / CASE                   | 36-WFLGA                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                 |
| NUMBER OF I/O                    | 26                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| EEPROM SIZE                      | -                                                                                 |
| DETAILED DESCRIPTION             | RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 16KB (16K x 8) FLASH 36-WFLGA (4x4) |
| 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 R5F100CAALA#W0 | R5F100CAALA#W0 Distributor             | R5F100CAALA#W0 Supplier                        |
| R5F100CAALA#W0 Price                       | R5F100CAALA#W0 Pictures                | R5F100CAALA#W0 Image                           |
| R5F100CAALA#W0 PDF Datasheet               | R5F100CAALA#W0 Download Datasheet      | R5F100CAALA#W0 Datasheet                       |
| R5F100CAALA#W0 Stock                       | Buy R5F100CAALA#W0                     | Buy Renesas Electronics America R5F100CAALA#W0 |
| Renesas Electronics America R5F100CAALA#W0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F100CAALA#W0 | Renesas Technology Corp R5F100CAALA#W0 | Renesas R5F100CAALA#W0                         |

Related Products

|                                                                                                                                                                  |                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>R5F100BGANA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 32HWQFN<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>R5F100CAALA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 36WFLGA<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>R5F100CEALA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 36LGA<br/>In stock: Out stock</p> <p>RFQ</p>    | <p><b>R5F100CCALA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 36WFLGA<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>R5F100CEALA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 36WFLGA<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>R5F100CCALA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 36LGA<br/>In stock: Out stock</p> <p>RFQ</p>    |
| <p><b>R5F100BGDNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 32HWQFN<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>R5F100BFDNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 32HWQFN<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>R5F100CDALA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 36LGA<br/>In stock: Out stock</p> <p>RFQ</p>    | <p><b>R5F100BGANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 32HWQFN<br/>In stock: 289 pcs</p> <p>RFQ</p>   |
| <p><b>R5F100CDALA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 36WFLGA<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>R5F100BFGNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 96KB/8KB+8KB 32QFN -40_<br/>In stock: Out stock</p> <p>RFQ</p> |