

RENESAS

Renesas Electronics America

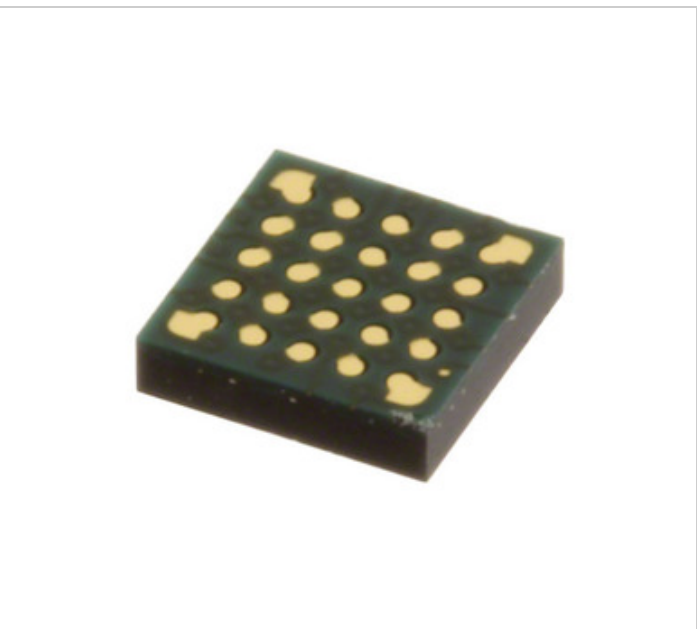


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R5F1008AALA#U0

|                     |                               |
|---------------------|-------------------------------|
| Part Number:        | R5F1008AALA#U0                |
| Manufacturer/Brand: | Renesas Electronics America   |
| Product description | IC MCU 16BIT 16KB FLASH 25LGA |
|                     | 1.R5F1008AALA#U0.pdf          |
|                     | 2.R5F1008AALA#U0.pdf          |
| Datasheets:         | Lead free / RoHS Compliant    |
| RoHs Status         |                               |
| Stock Condition     | 53599 pcs stock               |
| Ship From           | Hong Kong                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS         |

REQUEST FOR QUOTATION

Specifications of R5F1008AALA#U0

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | R5F1008AALA#U0                                                                  |
| MANUFACTURER                     | Renesas Electronics America                                                     |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 25LGA                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 53599 pcs                                                                       |
| DATA SHEET                       | 1.R5F1008AALA#U0.pdf<br>2.R5F1008AALA#U0.pdf                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                   |
| SUPPLIER DEVICE PACKAGE          | 25-LGA (3x3)                                                                    |
| 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                        | Tray                                                                            |
| PACKAGE / CASE                   | 25-WFLGA                                                                        |
| OTHER NAMES                      | R5F1008AALAU0                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                               |
| NUMBER OF I/O                    | 15                                                                              |
| 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 16KB (16K x 8) FLASH 25-LGA (3x3) |
| DATA CONVERTERS                  | A/D 6x8/10b                                                                     |
| CORE SIZE                        | 16-Bit                                                                          |
| CORE PROCESSOR                   | RL78                                                                            |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                    |
| BASE PART NUMBER                 | R5F1008                                                                         |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F1008AALA#U0 | R5F1008AALA#U0 Distributor             | R5F1008AALA#U0 Supplier                        |
| R5F1008AALA#U0 Price                       | R5F1008AALA#U0 Pictures                | R5F1008AALA#U0 Image                           |
| R5F1008AALA#U0 PDF Datasheet               | R5F1008AALA#U0 Download Datasheet      | R5F1008AALA#U0 Datasheet                       |
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| Renesas Electronics America R5F1008AALA#U0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F1008AALA#U0 | Renesas Technology Corp R5F1008AALA#U0 | Renesas R5F1008AALA#U0                         |

Related Products

|                                                                                                                                                                                      |                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>R5F1007EDNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 24HWQFN<br/>In stock: 40850 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F1008DALA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 25LGA<br/>In stock: 50241 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>R5F1007EANA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 24HWQFN<br/>In stock: 50555 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F1007EGNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 24HWQFN<br/>In stock: 36291 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F1008CALA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 25LGA<br/>In stock: 67748 pcs</div> <div>RFQ</div>    | <div></div> <div><b>R5F1008CALA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 25LGA<br/>In stock: 29680 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>R5F1008EALA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 25LGA<br/>In stock: 27966 pcs</div> <div>RFQ</div>    | <div></div> <div><b>R5F1008AALA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 25LGA<br/>In stock: 74923 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>R5F1007DGNA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 16BIT MCU RL78/G13 48K ROM 3K RA<br/>In stock: 56087 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F1007EANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 24HWQFN<br/>In stock: 23241 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F1007EDNA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 24HWQFN<br/>In stock: 58827 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F1008DALA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 25LGA<br/>In stock: 35618 pcs</div> <div>RFQ</div>   |

