



Renesas Electronics America



Image may be representation. See specifications for product details.

R5F117BCGNA#40

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F117BCGNA#40                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                          |
| Product description | IC MCU 16BIT 32KB FLASH 32HVQFN                                                                                      |
| Datasheets:         |  <a href="#">R5F117BCGNA#40.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 66976 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

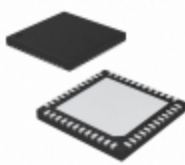
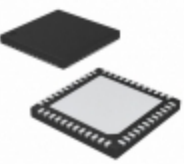
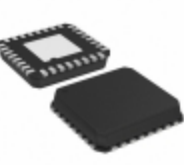
Specifications of R5F117BCGNA#40

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F117BCGNA#40                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 32HVQFN                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 66976 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">R5F117BCGNA#40.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 32-HVQFN (5x5)                                                                                                         |
| SPEED                            | 24MHz                                                                                                                  |
| SERIES                           | RL78/L1D                                                                                                               |
| RAM SIZE                         | 3K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                         |
| PERIPHERALS                      | LVD, POR, WDT                                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 21                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | 2K x 8                                                                                                                 |
| DETAILED DESCRIPTION             | RL78 RL78/L1D Microcontroller IC 16-Bit 24MHz 32KB (32K x 8) FLASH 32-HVQFN (5x5)                                      |
| DATA CONVERTERS                  | A/D 12x8/12b                                                                                                           |
| CORE SIZE                        | 16-Bit                                                                                                                 |
| CORE PROCESSOR                   | RL78                                                                                                                   |
| CONNECTIVITY                     | CSI, I²C, UART/USART                                                                                                   |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F117BCGNA#40 | R5F117BCGNA#40 Distributor             | R5F117BCGNA#40 Supplier                        |
| R5F117BCGNA#40 Price                       | R5F117BCGNA#40 Pictures                | R5F117BCGNA#40 Image                           |
| R5F117BCGNA#40 PDF Datasheet               | R5F117BCGNA#40 Download Datasheet      | R5F117BCGNA#40 Datasheet                       |
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| Renesas Electronics America R5F117BCGNA#40 | Renesas Technology Corp R5F117BCGNA#40 | Renesas R5F117BCGNA#40                         |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
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| <div></div> <div><b>R5F11AGGANB#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 48HWQFN<br/>In stock: 22188 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F117GAGFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LFQFP<br/>In stock: 63852 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F117GCGFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 48LFQFP<br/>In stock: 25316 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F117BCGNA#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 32HVQFN<br/>In stock: 39244 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F117BAGNA#40</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32HVQFN<br/>In stock: 63701 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F117BCGFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br/>In stock: 31107 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>R5F117BCGFP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br/>In stock: 68977 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>R5F11AGGANB#40</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 48HWQFN<br/>In stock: 33828 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F117GCGFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 48LFQFP<br/>In stock: 55350 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F117BAGNA#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32HVQFN<br/>In stock: 40279 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F117GAGFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LFQFP<br/>In stock: 53722 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F117BAGFP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 57595 pcs<br/><div>RFQ</div></div>   |