



Renesas Electronics America



Image may be representation. See specifications for product details.

DF36109GHV

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DF36109GHV                                                                                                   |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 128KB FLASH 100QFP                                                                              |
| Datasheets:         |  DF36109GHV.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7063 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

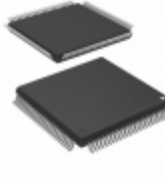
Specifications of DF36109GHV

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DF36109GHV                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 100QFP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 7063 pcs                                                                                           |
| DATA SHEET                       |  DF36109GHV.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 100-LFQFP (14x14)                                                                                  |
| SPEED                            | 20MHz                                                                                              |
| SERIES                           | H8® H8/300H Tiny                                                                                   |
| RAM SIZE                         | 5K x 8                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                              |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                   |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                 |
| PACKAGING                        | Tray                                                                                               |
| PACKAGE / CASE                   | 100-LQFP                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -20°C ~ 75°C (TA)                                                                                  |
| NUMBER OF I/O                    | 79                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| EEPROM SIZE                      | -                                                                                                  |
| DETAILED DESCRIPTION             | H8/300H H8® H8/300H Tiny Microcontroller IC 16-Bit 20MHz 128KB (128K x 8) FLASH 100-LFQFP (14x14)  |
| DATA CONVERTERS                  | A/D 16x10b                                                                                         |
| CORE SIZE                        | 16-Bit                                                                                             |
| CORE PROCESSOR                   | H8/300H                                                                                            |
| CONNECTIVITY                     | I²C, SCI                                                                                           |
| BASE PART NUMBER                 | DF36109                                                                                            |

Related Tags

|                                        |                                      |                                            |
|----------------------------------------|--------------------------------------|--------------------------------------------|
| Renesas Electronics America DF36109GHV | DF36109GHV Distributor               | DF36109GHV Supplier                        |
| DF36109GHV Price                       | DF36109GHV Pictures                  | DF36109GHV Image                           |
| DF36109GHV PDF Datasheet               | DF36109GHV Download Datasheet        | DF36109GHV Datasheet                       |
| DF36109GHV Stock                       | Buy DF36109GHV                       | Buy Renesas Electronics America DF36109GHV |
| Renesas Electronics America DF36109GHV | Renesas Electronics America Supplier | Renesas Electronics America Distributor    |
| Renesas Electronics America DF36109GHV | Renesas Technology Corp DF36109GHV   | Renesas DF36109GHV                         |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |
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| <div></div> <div><b>DF36902GFHSWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 32LQFP<br/>In stock: 6831 pcs</div> <div>RFQ</div> | <div></div> <div><b>DF36902GFHV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 32LQFP<br/>In stock: 13114 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>DF36912GFHV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 32LQFP<br/>In stock: 4920 pcs</div> <div>RFQ</div>   | <div></div> <div><b>DF36094GFYV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 3434 pcs</div> <div>RFQ</div>                         |
| <div></div> <div><b>DF36109GHV#YR</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 5668 pcs</div> <div>RFQ</div>                        | <div></div> <div><b>DF36094GHV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 5026 pcs</div> <div>RFQ</div>                          |
| <div></div> <div><b>DF36109GFV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 6516 pcs</div> <div>RFQ</div>  | <div></div> <div><b>DF36109FV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4173 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>DF36109HV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 8343 pcs</div> <div>RFQ</div>   | <div></div> <div><b>DF36092GFZV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 3849 pcs</div> <div>RFQ</div>                         |
| <div></div> <div><b>DF36094GFZV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 3078 pcs</div> <div>RFQ</div>  | <div></div> <div><b>DF36912GFHWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 32LQFP<br/>In stock: 5762 pcs</div> <div>RFQ</div> |