



Renesas Electronics America

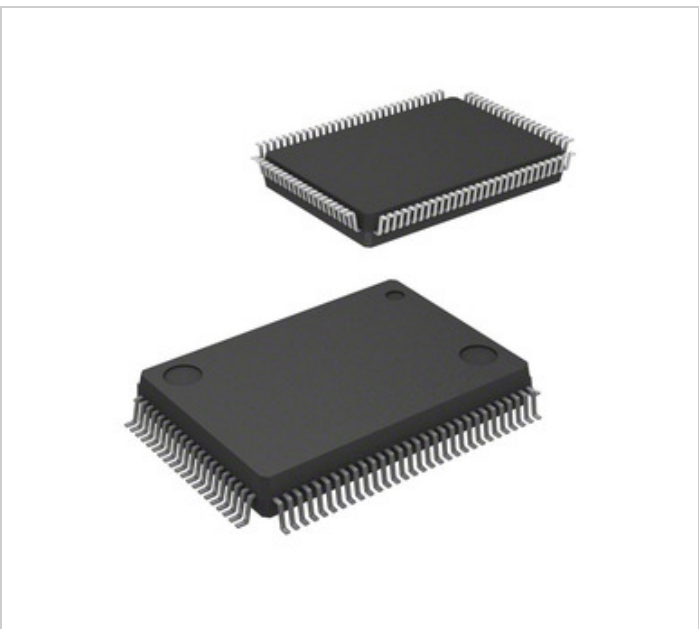


Image may be representation. See specifications for product details.

DF36109FV

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DF36109FV                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                     |
| Product description | IC MCU 16BIT 128KB FLASH 100QFP                                                                                 |
| Datasheets:         |  <a href="#">DF36109FV.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 4173 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Specifications of DF36109FV

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DF36109FV                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 100QFP                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE               | 4173 pcs                                                                                                          |
| DATA SHEET                       |  <a href="#">DF36109FV.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 100-QFP (14x20)                                                                                                   |
| SPEED                            | 20MHz                                                                                                             |
| SERIES                           | H8® H8/300H Tiny                                                                                                  |
| RAM SIZE                         | 5K x 8                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                             |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                  |
| PERIPHERALS                      | PWM, WDT                                                                                                          |
| PACKAGING                        | Tray                                                                                                              |
| PACKAGE / CASE                   | 100-BQFP                                                                                                          |
| 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-QFP (14x20)                   |
| 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 DF36109FV | DF36109FV Distributor                | DF36109FV Supplier                        |
| DF36109FV Price                       | DF36109FV Pictures                   | DF36109FV Image                           |
| DF36109FV PDF Datasheet               | DF36109FV Download Datasheet         | DF36109FV Datasheet                       |
| DF36109FV Stock                       | Buy DF36109FV                        | Buy Renesas Electronics America DF36109FV |
| Renesas Electronics America DF36109FV | Renesas Electronics America Supplier | Renesas Electronics America Distributor   |
| Renesas Electronics America DF36109FV | Renesas Technology Corp DF36109FV    | Renesas DF36109FV                         |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
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| <div></div> <div><b>DF36109GHV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 7063 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>DF36094GFYV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 3434 pcs<br/><div>RFQ</div></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<br/><div>RFQ</div></div>   | <div></div> <div><b>DF36087HV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 56KB FLASH 64QFP<br/>In stock: 6651 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>DF36094GHV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 5026 pcs<br/><div>RFQ</div></div>                           | <div></div> <div><b>DF36109GHV#YR</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 5668 pcs<br/><div>RFQ</div></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<br/><div>RFQ</div></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<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DF36094GFZV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LFQFP<br/>In stock: 3078 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DF36902GFHSWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 32LQFP<br/>In stock: 6831 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>DF36092FYV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 3938 pcs<br/><div>RFQ</div></div>                           | <div></div> <div><b>DF36092GFZV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 3849 pcs<br/><div>RFQ</div></div>                          |