



Renesas Electronics America



Image may be representation. See specifications for product details.

DF36012GFTV

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DF36012GFTV                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                       |
| Product description | IC MCU 16BIT 16KB FLASH 48VQFN                                                                                    |
| Datasheets:         |  <a href="#">DF36012GFTV.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 5355 pcs stock                                                                                                    |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Specifications of DF36012GFTV

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DF36012GFTV                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 48VQFN                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 5355 pcs                                                                                                            |
| DATA SHEET                       |  <a href="#">DF36012GFTV.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 48-VQFN (7x7)                                                                                                       |
| SPEED                            | 20MHz                                                                                                               |
| SERIES                           | H8® H8/300H Tiny                                                                                                    |
| RAM SIZE                         | 2K x 8                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                               |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                      |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                  |
| PACKAGING                        | Tray                                                                                                                |
| PACKAGE / CASE                   | 48-VFQFN                                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                            |
| OPERATING TEMPERATURE            | -20°C ~ 75°C (TA)                                                                                                   |
| NUMBER OF I/O                    | 30                                                                                                                  |
| 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 16KB (16K x 8) FLASH 48-VQFN (7x7)                         |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                           |
| CORE SIZE                        | 16-Bit                                                                                                              |
| CORE PROCESSOR                   | H8/300H                                                                                                             |
| CONNECTIVITY                     | SCI                                                                                                                 |
| BASE PART NUMBER                 | DF36012                                                                                                             |

Related Tags

|                                         |                                      |                                             |
|-----------------------------------------|--------------------------------------|---------------------------------------------|
| Renesas Electronics America DF36012GFTV | DF36012GFTV Distributor              | DF36012GFTV Supplier                        |
| DF36012GFTV Price                       | DF36012GFTV Pictures                 | DF36012GFTV Image                           |
| DF36012GFTV PDF Datasheet               | DF36012GFTV Download Datasheet       | DF36012GFTV Datasheet                       |
| DF36012GFTV Stock                       | Buy DF36012GFTV                      | Buy Renesas Electronics America DF36012GFTV |
| Renesas Electronics America DF36012GFTV | Renesas Electronics America Supplier | Renesas Electronics America Distributor     |
| Renesas Electronics America DF36012GFTV | Renesas Technology Corp DF36012GFTV  | Renesas DF36012GFTV                         |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
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| <div></div> <div><b>DF36012GFYV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LQFP<br/>In stock: 8322 pcs</div> <div>RFQ</div>  | <div></div> <div><b>DF36012FPWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: 5609 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>DF36014FPJV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 8322 pcs</div> <div>RFQ</div>  | <div></div> <div><b>DF36012GFPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: 4424 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>DF36012FXV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LQFP<br/>In stock: 6160 pcs</div> <div>RFQ</div>   | <div></div> <div><b>DF36012GFXV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LQFP<br/>In stock: 11541 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>DF36012FTV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48VQFN<br/>In stock: 6991 pcs</div> <div>RFQ</div>   | <div></div> <div><b>DF36014FPWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 10921 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>DF36014FTV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 48VQFN<br/>In stock: 4394 pcs</div> <div>RFQ</div>   | <div></div> <div><b>DF36014FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 14555 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>DF36012GFPWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LQFP<br/>In stock: 4263 pcs</div> <div>RFQ</div> | <div></div> <div><b>DF36012FYV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LQFP<br/>In stock: 3392 pcs</div> <div>RFQ</div>   |