



Renesas Electronics America



Image may be representation. See specifications for product details.

DF36012FPV

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DF36012FPV                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                      |
| Product description | IC MCU 16BIT 16KB FLASH 64LQFP                                                                                   |
| Datasheets:         |  <a href="#">DF36012FPV.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

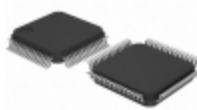
Specifications of DF36012FPV

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DF36012FPV                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 64LQFP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| DATA SHEET                       |  <a href="#">DF36012FPV.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                    |
| SPEED                            | 20MHz                                                                                                              |
| SERIES                           | H8® H8/300H Tiny                                                                                                   |
| RAM SIZE                         | 2K x 8                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                              |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                     |
| PERIPHERALS                      | PWM, WDT                                                                                                           |
| PACKAGING                        | Tray                                                                                                               |
| PACKAGE / CASE                   | 64-LQFP                                                                                                            |
| OTHER NAMES                      | HD64F36012FPV<br>HD64F36012FPV-ND                                                                                  |
| 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 64-LQFP (10x10)                      |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                          |
| CORE SIZE                        | 16-Bit                                                                                                             |
| CORE PROCESSOR                   | H8/300H                                                                                                            |
| CONNECTIVITY                     | SCI                                                                                                                |
| BASE PART NUMBER                 | DF36012                                                                                                            |

Related Tags

|                                        |                                      |                                            |
|----------------------------------------|--------------------------------------|--------------------------------------------|
| Renesas Electronics America DF36012FPV | DF36012FPV Distributor               | DF36012FPV Supplier                        |
| DF36012FPV Price                       | DF36012FPV Pictures                  | DF36012FPV Image                           |
| DF36012FPV PDF Datasheet               | DF36012FPV Download Datasheet        | DF36012FPV Datasheet                       |
| DF36012FPV Stock                       | Buy DF36012FPV                       | Buy Renesas Electronics America DF36012FPV |
| Renesas Electronics America DF36012FPV | Renesas Electronics America Supplier | Renesas Electronics America Distributor    |
| Renesas Electronics America DF36012FPV | Renesas Technology Corp DF36012FPV   | Renesas DF36012FPV                         |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                         |
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| <div></div> <div><b>DF36012FPWW</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>DF36-45P-0.4SD(55)</b><br/>Manufacturers: Hirose<br/>Description: CONN PLUG 0.4MM 45POS<br/>In stock: Out stock<br/><div>RFQ</div></div>                         |
| <div></div> <div><b>DF36-50P-0.4SD(51)</b><br/>Manufacturers: Hirose<br/>Description: CONN PLUG 0.4MM 50POS SHLD AU<br/>In stock: Out stock<br/><div>RFQ</div></div>                | <div></div> <div><b>DF36012FTV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>DF36-50P-0.4SD(55)</b><br/>Manufacturers: Hirose<br/>Description: CONN PLUG 0.4MM 50POS<br/>In stock: Out stock<br/><div>RFQ</div></div>                        | <div></div> <div><b>DF36-45P-0.4SD(72)</b><br/>Manufacturers: Hirose<br/>Description: CONN PLUG 0.4MM 45POS SHLD AU<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |
| <div></div> <div><b>DF36012GFPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>DF36012FYV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>DF36012FXV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>DF36012GFPWW</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
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