

DF36022GFYV



Part Number: [DF36022GFYV](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 16KB FLASH 48LQFP

Data sheet:  [H8/36024, 36014 Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                |                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DF36022GFYV                               | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 16KB FLASH 48LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5383 pcs                                  | Data sheet                     | <a href="#">H8/36024, 36014 Hardware Manual</a>                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 5.5 V                                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 48-LQFP (10x10)                           | Speed                          | 20MHz                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | H8® H8/300H Tiny                          | RAM Size                       | 512 x 8                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                     | Program Memory Size            | 16KB (16K x 8)                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LVD, POR, PWM, WDT                        | Packaging                      | Tray                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 48-LQFP                                   | 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-LQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 4x10b                                 | Core Size                      | 16-Bit                                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | H8/300H                                   | Connectivity                   | SCI                                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DF36022                                   |                                |                                                                                               |
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