

DF36037GFPJV



Part Number: [DF36037GFPJV](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 56KB FLASH 64LFQFP

Data sheet:  [H8/36057,37 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DF36037GFPJV                              | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 16BIT 56KB FLASH 64LFQFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5867 pcs                                  | Data sheet                     | <a href="#">H8/36057,37 Hardware Manual</a>                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 5.5 V                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 64-LFQFP (10x10)                          | Speed                          | 20MHz                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | H8® H8/300H Tiny                          | RAM Size                       | 3K x 8                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FLASH                                     | Program Memory Size            | 56KB (56K x 8)                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LVD, POR, PWM, WDT                        | Packaging                      | Tray                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 64-LQFP                                   | Oscillator Type                | Internal                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 85°C (TA)                         | Number of I/O                  | 45                                                                                             |
| 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 56KB (56K x 8) FLASH 64-LFQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A/D 8x10b                                 | Core Size                      | 16-Bit                                                                                         |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | H8/300H                                   | Connectivity                   | CANbus, SCI, SSU                                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DF36037                                   |                                |                                                                                                |
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|  | Part#: <a href="#">DF36037GFZJEV#YR</a><br>Description: IC MCU                       | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF36037GFZJEV</a><br>Description: IC MCU 16BIT 56KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
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