

DF36034FPV



Part Number: [DF36034FPV](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 32KB FLASH 64LQFP

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DF36034FPV                                | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 32KB FLASH 64LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4881 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-LQFP (10x10)                           | Speed                          | 20MHz                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H8® H8/300H Tiny                          | RAM Size                       | 2K x 8                                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                     | Program Memory Size            | 32KB (32K x 8)                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PWM, WDT                                  | Packaging                      | Tray                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 64-LQFP                                   | Oscillator Type                | Internal                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -20°C ~ 75°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 32KB (32K x 8) FLASH 64-LQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 8x10b                                 | Core Size                      | 16-Bit                                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                | H8/300H                                   | Connectivity                   | CANbus, SCI, SSU                                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DF36034                                   |                                |                                                                                               |
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|  | Part#: <a href="#">DF36024GFPV</a><br>Description: IC MCU 16BIT 32KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DF36022GFYV</a><br>Description: IC MCU 16BIT 16KB FLASH 48LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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