

DF2370VFQ34V



Part Number: [DF2370VFQ34V](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 256KB FLASH 144LQFP

Data sheet:  [H8S/2378\(R\) Group Hrdw Manual](#)

RoHs Status: Lead free / RoHS Compliant

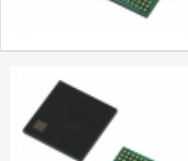
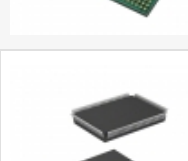
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy DF2370VFQ34V with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                |                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DF2370VFQ34V                              | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 16BIT 256KB FLASH 144LQFP          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4141 pcs                                  | Data sheet                     | <a href="#">H8S/2378(R) Group Hrdw Manual</a>                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 3.6 V                                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 144-LQFP (20x20)                          | Speed                          | 34MHz                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | H8® H8S/2300                              | RAM Size                       | 16K x 8                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FLASH                                     | Program Memory Size            | 256KB (256K x 8)                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DMA, POR, PWM, WDT                        | Packaging                      | Tray                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 144-LQFP                                  | Oscillator Type                | External                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -20°C ~ 75°C (TA)                         | Number of I/O                  | 96                                                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                    |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Detailed Description           | H8S/2000 H8® H8S/2300 Microcontroller IC 16-Bit 34MHz 256KB (256K x 8) FLASH 144-LQFP (20x20) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A/D 16x10b; D/A 6x8b                      | Core Size                      | 16-Bit                                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | H8S/2000                                  | Connectivity                   | I²C, IrDA, SCI, SmartCard                                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DF2370                                    |                                |                                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 4141 pieces of Renesas Electronics America DF2370VFQ34V in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                               |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                            |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">DF2362VTE34V</a><br>Description: IC MCU 16BIT 256KB FLASH 120TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2372VLP34V</a><br>Description: IC MCU 16BIT 256KB FLASH 145LGA   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2372VFQ34V</a><br>Description: IC MCU 16BIT 256KB FLASH 144LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2370VLP34V</a><br>Description: IC MCU 16BIT 256KB FLASH 145LGA   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2360VTE34V</a><br>Description: IC MCU 16BIT 256KB FLASH 120TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2367VTE33V</a><br>Description: IC MCU 16BIT 384KB FLASH 120TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2370RVLP34V</a><br>Description: IC MCU 16BIT 256KB FLASH 145LGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2368VTE34V</a><br>Description: IC MCU 16BIT 512KB FLASH 120TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2367VF33V</a><br>Description: IC MCU 16BIT 384KB FLASH 128QFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2371VFQ34V</a><br>Description: IC MCU 16BIT 256KB FLASH 144LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2371RVLP34V</a><br>Description: IC MCU 16BIT 256KB FLASH 145LGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2370RVFQ34V</a><br>Description: IC MCU 16BIT 256KB FLASH 144LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2374RVFQ34V</a><br>Description: IC MCU 16BIT 384KB FLASH 144LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2372RVFQ34V</a><br>Description: IC MCU 16BIT 256KB FLASH 144LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2371RVFQ34V</a><br>Description: IC MCU 16BIT 256KB FLASH 144LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2364VTE34V</a><br>Description: IC MCU 16BIT 384KB FLASH 120TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2372RVLP34V</a><br>Description: IC MCU 16BIT 256KB FLASH 145LGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2371VLP34V</a><br>Description: IC MCU 16BIT 256KB FLASH 145LGA   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2367VF33WV</a><br>Description: IC MCU 16BIT 384KB FLASH 128QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2361VTE34V</a><br>Description: IC MCU 16BIT 256KB FLASH 120TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |

Related keywords for DF2370VFQ34V

|                                          |                                      |                       |                    |
|------------------------------------------|--------------------------------------|-----------------------|--------------------|
| Renesas Electronics America DF2370VFQ34V | DF2370VFQ34V distributor             | DF2370VFQ34V supplier | DF2370VFQ34V price |
| DF2370VFQ34V download datasheet          | DF2370VFQ34V datasheet               | DF2370VFQ34V stock    | buy DF2370VFQ34V   |
| Renesas Electronics America DF2370VFQ34V | Renesas Technology Corp DF2370VFQ34V | Renesas DF2370VFQ34V  |                    |