



Renesas Electronics America



Image may be representation. See specifications for product details.

DF2378RVFQ34WV

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DF2378RVFQ34WV                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                          |
| Product description | IC MCU 16BIT 512KB FLASH 144LQFP                                                                                     |
| Datasheets:         |  <a href="#">DF2378RVFQ34WV.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

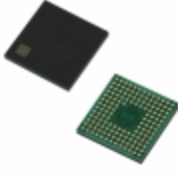
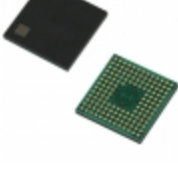
Specifications of DF2378RVFQ34WV

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DF2378RVFQ34WV                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 512KB FLASH 144LQFP                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |  <a href="#">DF2378RVFQ34WV.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                       |
| SPEED                            | 34MHz                                                                                                                  |
| SERIES                           | H8® H8S/2300                                                                                                           |
| RAM SIZE                         | 32K x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                       |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                     |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 144-LQFP                                                                                                               |
| OSCILLATOR TYPE                  | External                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 512KB (512K 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                 | DF2378                                                                                                                 |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America DF2378RVFQ34WV | DF2378RVFQ34WV Distributor             | DF2378RVFQ34WV Supplier                        |
| DF2378RVFQ34WV Price                       | DF2378RVFQ34WV Pictures                | DF2378RVFQ34WV Image                           |
| DF2378RVFQ34WV PDF Datasheet               | DF2378RVFQ34WV Download Datasheet      | DF2378RVFQ34WV Datasheet                       |
| DF2378RVFQ34WV Stock                       | Buy DF2378RVFQ34WV                     | Buy Renesas Electronics America DF2378RVFQ34WV |
| Renesas Electronics America DF2378RVFQ34WV | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America DF2378RVFQ34WV | Renesas Technology Corp DF2378RVFQ34WV | Renesas DF2378RVFQ34WV                         |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                |
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|  <div><b>DF2378BVL35V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 145LGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>DF2377VFQ33V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>DF2378BVFQ35WV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>DF2378RVLP34V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 145LGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>DF2378RVFQ34V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DF2377RVFQ33WV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br/>In stock: 61 pcs<br/><div>RFQ</div></div>  |
|  <div><b>DF2398TE20V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 120TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>DF2398F20V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 128QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>DF23C-10DP-0.5V(92)</b><br/>Manufacturers: Hirose<br/>Description: CONN PLUG 10POS DUAL 0.5MM SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>                   |  <div><b>DF23C-10DP-0.5V(91)</b><br/>Manufacturers: Hirose<br/>Description: CONN PLUG 10POS DUAL 0.5MM SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |
|  <div><b>DF2378BVFQ35V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DF2398F20TV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 128QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |