

D12332VFC20V



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Part Number: [D12332VFC20V](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT ROMLESS 144QFP

Data sheet:  [H8S/2339 Group Hrdw Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                |                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                      | D12332VFC20V                              | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 16BIT ROMLESS 144QFP               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                               | 5132 pcs                                  | Data sheet                     | <a href="#">H8S/2339 Group Hrdw Manuai</a>                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 3.6 V                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                          | 144-QFP (20x20)                           | Speed                          | 20MHz                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                           | H8® H8S/2300                              | RAM Size                       | 8K x 8                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                              | ROMless                                   | Program Memory Size            | -                                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                      | DMA, POR, PWM, WDT                        | Packaging                      | Tray                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                   | 144-BFQFP                                 | Oscillator Type                | Internal                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                            | -20°C ~ 75°C (TA)                         | Number of I/O                  | 106                                                                           |
| 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 20MHz ROMless 144-QFP (20x20) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                  | A/D 12x10b; D/A 4x8b                      | Core Size                      | 16-Bit                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                   | H8S/2000                                  | Connectivity                   | SCI, SmartCard                                                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | D12332                                    |                                |                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 5132 pieces of Renesas Electronics America D12332VFC20V 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: info@Components-World.com |                                           |                                |                                                                               |

| RELATED PRODUCTS                                                                   |                                           |                                                            |                |
|------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">D12321VTE20V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |                |
|  | Part#: <a href="#">D12324SVTE20V</a>      | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |                |
|  | Part#: <a href="#">D12321VF25V</a>        | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |                |
|  | Part#: <a href="#">D12352TE13V</a>        | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |                |
|  | Part#: <a href="#">D12373VFQ33V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 144LQFP |                                                            |                |
|  | Part#: <a href="#">D12321VTE25V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |                |
|  | Part#: <a href="#">D12324SVTE25V</a>      | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |                |
|  | Part#: <a href="#">D12324SVF25V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |                |
|  | Part#: <a href="#">D12363VTE33V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |                |
|  | Part#: <a href="#">D12350F20IV</a>        | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |                |
|  | Part#: <a href="#">D12322RVTE20V</a>      | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |                |
|  | Part#: <a href="#">D12363VF33V</a>        | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |                |
|  | Part#: <a href="#">D12350F20V</a>         | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |                |
|  | Part#: <a href="#">D12373RVFQ33V</a>      | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 144LQFP |                                                            |                |
|  | Part#: <a href="#">D12352TE20V</a>        | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |                |
|  | Part#: <a href="#">D12332VFC25V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 144QFP  |                                                            |                |
|  | Part#: <a href="#">D12322RVTE25V</a>      | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |                |
|  | Part#: <a href="#">D12322RVF20V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |                |
|  | Part#: <a href="#">D12322RVF25V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |                |
|  | Part#: <a href="#">D12352F13V</a>         | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |                |

Related keywords for **D12332VFC20V**

|                                          |                                      |                       |                    |
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