

D12324SVTE25V



Part Number: [D12324SVTE25V](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT ROMLESS 120TQFP

Data sheet:  [H8S/2329 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.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                |                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | D12324SVTE25V                             | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 16BIT ROMLESS 120TQFP              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 4874 pcs                                  | Data sheet                     | <a href="#">H8S/2329 Group Hrdw Manual</a>                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 3.6 V                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                           | 120-TQFP (14x14)                          | Speed                          | 25MHz                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | H8® H8S/2300                              | RAM Size                       | 32K x 8                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                               | ROMless                                   | Program Memory Size            | -                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                       | DMA, POR, PWM, WDT                        | Packaging                      | Tray                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 120-TQFP                                  | Oscillator Type                | Internal                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                             | -20°C ~ 75°C (TA)                         | Number of I/O                  | 86                                                                             |
| 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 25MHz ROMless 120-TQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                   | A/D 8x10b; D/A 2x8b                       | Core Size                      | 16-Bit                                                                         |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                    | H8S/2000                                  | Connectivity                   | SCI, SmartCard                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | D12324                                    |                                |                                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 4874 pieces of Renesas Electronics America D12324SVTE25V 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="#">D12322RVTE20V</a>      | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |     |
|  | Part#: <a href="#">D12352F13V</a>         | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |     |
|  | Part#: <a href="#">D12352TE20V</a>        | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |     |
|  | Part#: <a href="#">D12363VF33V</a>        | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |     |
|  | Part#: <a href="#">D12322RVF20V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |     |
|  | Part#: <a href="#">D12363VTE33V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |     |
|  | Part#: <a href="#">D12373RVFQ33V</a>      | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 144LQFP |                                                            |     |
|  | Part#: <a href="#">D12350F20V</a>         | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |     |
|  | Part#: <a href="#">D12321VF25V</a>        | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |     |
|  | Part#: <a href="#">D12332VFC25V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 144QFP  |                                                            |     |
|  | Part#: <a href="#">D12352TE13V</a>        | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |     |
|  | Part#: <a href="#">D12324SVF25V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |     |
|  | Part#: <a href="#">D12321VTE25V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |     |
|  | Part#: <a href="#">D12321VF20V</a>        | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |     |
|  | Part#: <a href="#">D12322RVTE25V</a>      | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |     |
|  | Part#: <a href="#">D12322RVF25V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |     |
|  | Part#: <a href="#">D12350F20IV</a>        | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 128QFP  |                                                            |     |
|  | Part#: <a href="#">D12324SVTE20V</a>      | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |     |
|  | Part#: <a href="#">D12321VTE20V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 120TQFP |                                                            |     |
|  | Part#: <a href="#">D12332VFC20V</a>       | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT ROMLESS 144QFP  |                                                            |     |

Related keywords for D12324SVTE25V

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