

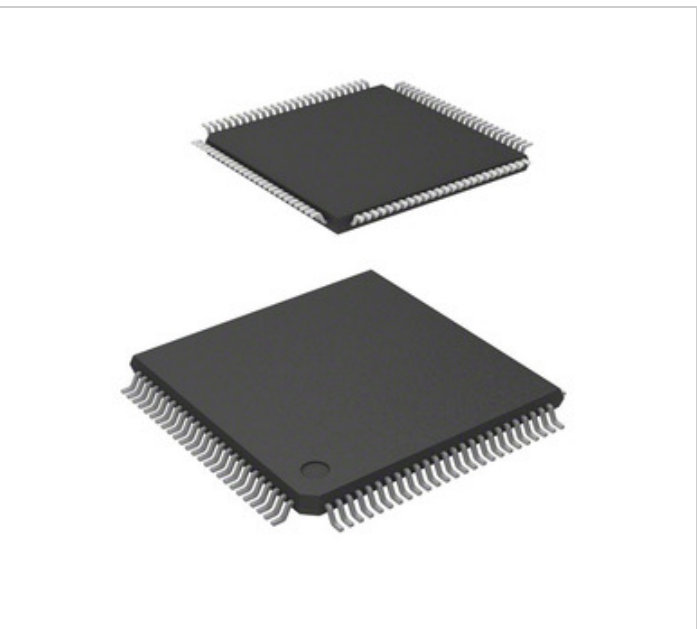


Image may be representation. See specifications for product details.

D12312SVTE25V

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | D12312SVTE25V                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                         |
| Product description | IC MCU 16BIT ROMLESS 100TQFP                                                                                        |
| Datasheets:         |  <a href="#">D12312SVTE25V.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 4235 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Specifications of D12312SVTE25V

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | D12312SVTE25V                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                           |
| DESCRIPTION                      | IC MCU 16BIT ROMLESS 100TQFP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 4235 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">D12312SVTE25V.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                                      |
| SPEED                            | 25MHz                                                                                                                 |
| SERIES                           | H8® H8S/2300                                                                                                          |
| RAM SIZE                         | 8K x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | ROMless                                                                                                               |
| PROGRAM MEMORY SIZE              | -                                                                                                                     |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                         |
| PACKAGING                        | Tray                                                                                                                  |
| PACKAGE / CASE                   | 100-TQFP                                                                                                              |
| OTHER NAMES                      | HD6412312SVTE25V                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                              |
| OPERATING TEMPERATURE            | -20°C ~ 75°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 70                                                                                                                    |
| 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 100-TQFP (14x14)                                        |
| DATA CONVERTERS                  | A/D 8x10b; D/A 2x8b                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                                |
| CORE PROCESSOR                   | H8S/2000                                                                                                              |
| CONNECTIVITY                     | SCI, SmartCard                                                                                                        |
| BASE PART NUMBER                 | D12312                                                                                                                |

Related Tags

|                                           |                                       |                                               |
|-------------------------------------------|---------------------------------------|-----------------------------------------------|
| Renesas Electronics America D12312SVTE25V | D12312SVTE25V Distributor             | D12312SVTE25V Supplier                        |
| D12312SVTE25V Price                       | D12312SVTE25V Pictures                | D12312SVTE25V Image                           |
| D12312SVTE25V PDF Datasheet               | D12312SVTE25V Download Datasheet      | D12312SVTE25V Datasheet                       |
| D12312SVTE25V Stock                       | Buy D12312SVTE25V                     | Buy Renesas Electronics America D12312SVTE25V |
| Renesas Electronics America D12312SVTE25V | Renesas Electronics America Supplier  | Renesas Electronics America Distributor       |
| Renesas Electronics America D12312SVTE25V | Renesas Technology Corp D12312SVTE25V | Renesas D12312SVTE25V                         |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>D12320VF25IV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 128QFP<br/>In stock: 3556 pcs<br/><b>RFQ</b></div>   |  <div><b>D12320VTE25V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 120TQFP<br/>In stock: 3024 pcs<br/><b>RFQ</b></div>                     |
|  <div><b>D12312SVTE20V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 100TQFP<br/>In stock: 5083 pcs<br/><b>RFQ</b></div> |  <div><b>D1230N18TXPSA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: DIODE GEN PURP 1.8KV 1230A<br/>In stock: 971 pcs<br/><b>RFQ</b></div>  |
|  <div><b>D12320VTE20V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 120TQFP<br/>In stock: 6106 pcs<br/><b>RFQ</b></div>  |  <div><b>D1230N14TXPSA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: DIODE GEN PURP 1.4KV 1230A<br/>In stock: 1198 pcs<br/><b>RFQ</b></div> |
|  <div><b>D12320VF25V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 128QFP<br/>In stock: 11323 pcs<br/><b>RFQ</b></div>   |  <div><b>D12321VF20V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 128QFP<br/>In stock: 2925 pcs<br/><b>RFQ</b></div>                       |
|  <div><b>D12320VF20V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 128QFP<br/>In stock: 3557 pcs<br/><b>RFQ</b></div>    |  <div><b>D1230N16TXPSA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: DIODE GEN PURP 1.6KV 1230A<br/>In stock: 972 pcs<br/><b>RFQ</b></div>  |
|  <div><b>D12312SVF20V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 100QFP<br/>In stock: 6194 pcs<br/><b>RFQ</b></div>   |  <div><b>D12312SVF25V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 100QFP<br/>In stock: 3082 pcs<br/><b>RFQ</b></div>                      |