

DF3064BFBL25V



**Part Number:** [DF3064BFBL25V](#)

**Manufacturer:** [Renesas Electronics America](#)

**Description:** IC MCU 16BIT 256KB FLASH 100QFP

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

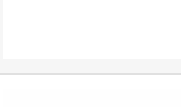
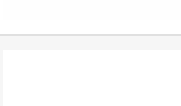
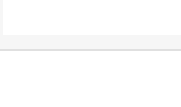
**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                |                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DF3064BFBL25V                             | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 16BIT 256KB FLASH 100QFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4114 pcs                                  | Data sheet                     |                                                                                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100-QFP (14x14)                           | Speed                          | 25MHz                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | H8® H8/300H                               | RAM Size                       | 8K x 8                                                                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FLASH                                     | Program Memory Size            | 256KB (256K x 8)                                                                           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PWM, WDT                                  | Packaging                      | Tray                                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100-BFQFP                                 | 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           | H8/300H H8® H8/300H Microcontroller IC 16-Bit 25MHz 256KB (256K x 8) FLASH 100-QFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A/D 8x10b; D/A 2x8b                       | Core Size                      | 16-Bit                                                                                     |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | H8/300H                                   | Connectivity                   | SCI, SmartCard                                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DF3064                                    |                                |                                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                            |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">DF3068F25V</a><br>Description: IC MCU 16BIT 384KB FLASH 100QFP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3048BX25V</a><br>Description: IC MCU 16BIT 128KB FLASH 100TQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3068FBL25V</a><br>Description: IC MCU 16BIT 384KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3062BF25V</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3067RVF13V</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3067RFI20V</a><br>Description: IC MCU                            | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3067RVF13V</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3067RF20V</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3052BF25V</a><br>Description: IC MCU 16BIT 512KB FLASH 100QFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3069RF25V</a><br>Description: IC MCU 16BIT 512KB FLASH 100QFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3062BFI25QV</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3069RX25V</a><br>Description: IC MCU 16BIT 512KB FLASH 100TQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3064BF25V</a><br>Description: IC MCU 16BIT 256KB FLASH 100QFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3067RVX13V</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3048BVX25V</a><br>Description: IC MCU 16BIT 128KB FLASH 100TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3062BFBL25V</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3067RF20VTR</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3048BVX25WV</a><br>Description: IC MCU 16BIT 128KB FLASH 100TQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3052BX25V</a><br>Description: IC MCU 16BIT 512KB FLASH 100TQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF3062BFP25QV</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |

| Related keywords for DF3064BFBL25V        |                                       |                        |                     |
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