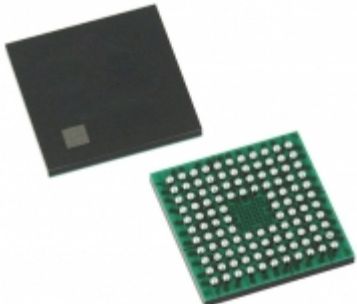


DF2238RBR13V



Part Number: [DF2238RBR13V](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 256KB FLASH 112BGA

Data sheet:  [H8S/2258,2239/8/7,2227 Groups Hrdw Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

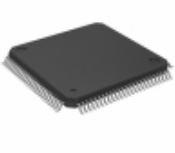
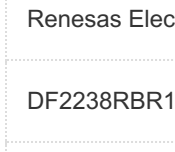
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy DF2238RBR13V with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER              |                                                                                                |                                  |                                                           |
|--------------------------------|------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------|
| Part Number                    | DF2238RBR13V                                                                                   | Manufacturer                     | <a href="#">Renesas Electronics America</a>               |
| Description                    | IC MCU 16BIT 256KB FLASH 112BGA                                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                |
| Quantity Available             | 7359 pcs                                                                                       | Data sheet                       | <a href="#">H8S/2258,2239/8/7,2227 Groups Hrdw Manual</a> |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>                                                      | Voltage - Supply (Vcc/Vdd)       | 2.2 V ~ 3.6 V                                             |
| Supplier Device Package        | 112-LFBGA (10x10)                                                                              | Speed                            | 13MHz                                                     |
| Series                         | H8® H8S/2200                                                                                   | RAM Size                         | 16K x 8                                                   |
| Program Memory Type            | FLASH                                                                                          | Program Memory Size              | 256KB (256K x 8)                                          |
| Peripherals                    | POR, PWM, WDT                                                                                  | Packaging                        | Tray                                                      |
| Package / Case                 | 112-LFBGA                                                                                      | Other Names                      | HD64F2238RBR13V                                           |
| Oscillator Type                | Internal                                                                                       | Operating Temperature            | -20°C ~ 75°C (TA)                                         |
| Number of I/O                  | 72                                                                                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                             |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                     | EEPROM Size                      | -                                                         |
| Detailed Description           | H8S/2000 H8® H8S/2200 Microcontroller IC 16-Bit 13MHz 256KB (256K x 8) FLASH 112-LFBGA (10x10) | Data Converters                  | A/D 8x10b; D/A 2x8b                                       |
| Core Size                      | 16-Bit                                                                                         | Core Processor                   | H8S/2000                                                  |
| Connectivity                   | I²C, SCI, SmartCard                                                                            | Base Part Number                 | DF2238                                                    |

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| RELATED PRODUCTS                                                                   |                                                                                       |                                                            |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">DF2238RTE6V</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238BTE13V</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2218UTF24WV</a><br>Description: IC MCU 16BIT 128KB FLASH 100TQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238RTF13</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238ATE13V</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238BFA13IV</a><br>Description: IC MCU 16BIT 256KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2239FA16V</a><br>Description: IC MCU 16BIT 384KB FLASH 100QFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238BTF13V</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238AFA13V</a><br>Description: IC MCU 16BIT 256KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2218UBR24V</a><br>Description: IC MCU 16BIT 128KB FLASH 112BGA   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238RTE13V</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238RFA6V</a><br>Description: IC MCU 16BIT 256KB FLASH 100QFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238RTF6V</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2239FA20IV</a><br>Description: IC MCU 16BIT 384KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238RTF13V</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238BFA13V</a><br>Description: IC MCU 16BIT 256KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2218UTF24V</a><br>Description: IC MCU 16BIT 128KB FLASH 100TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2218TF24V</a><br>Description: IC MCU 16BIT 128KB FLASH 100TQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2238RFA13V</a><br>Description: IC MCU 16BIT 256KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |

Related keywords for DF2238RBR13V

|                                          |                                      |                       |                    |
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