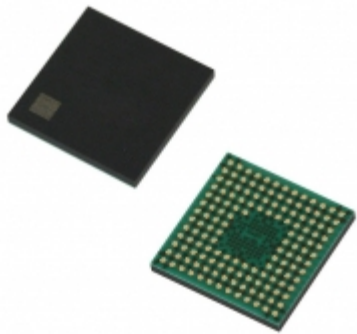


DF2117VLP20HV



**Part Number:** [DF2117VLP20HV](#)

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

**Description:** IC MCU 16BIT 160KB FLASH 145LGA

**Data sheet:**  [H8S/2117R Hardware Manual](#)  
 [H8S/2117 Group Hrdw Manual](#)

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

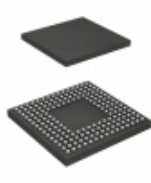
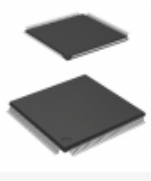
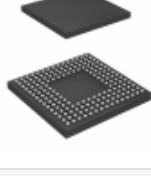
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                |                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DF2117VLP20HV                             | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 16BIT 160KB FLASH 145LGA           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4408 pcs                                  | Data sheet                     | <a href="#">H8S/2117R Hardware Manual</a><br><a href="#">H8S/2117 Group Hrdw Manual</a>      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 3.6 V                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 145-TFLGA (9x9)                           | Speed                          | 20MHz                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | H8® H8S/2100                              | RAM Size                       | 8K x 8                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FLASH                                     | Program Memory Size            | 160KB (160K x 8)                                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | POR, PWM, WDT                             | Packaging                      | Tray                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 145-TFLGA                                 | Oscillator Type                | External                                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -20°C ~ 75°C (TA)                         | Number of I/O                  | 112                                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                   |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Detailed Description           | H8S/2600 H8® H8S/2100 Microcontroller IC 16-Bit 20MHz 160KB (160K x 8) FLASH 145-TFLGA (9x9) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A/D 16x10b                                | Core Size                      | 16-Bit                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | H8S/2600                                  | Connectivity                   | FIFO, I²C, LPC, SCI, SmartCard                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DF2117                                    |                                |                                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 4408 pieces of Renesas Electronics America DF2117VLP20HV 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                              |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                            |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">DF2117RVPBG20HV</a><br>Description: IC MCU 16BIT 160KB FLASH 176BGA | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117RVT20HV</a><br>Description: IC MCU 16BIT 160KB FLASH 144TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2132RFA20V</a><br>Description: IC MCU 16BIT 64KB FLASH 80QFP      | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2134AFA20V</a><br>Description: IC MCU 16BIT 128KB FLASH 80QFP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117RVT20V</a><br>Description: IC MCU 16BIT 160KB FLASH 144TQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117RVT20IHV</a><br>Description: IC MCU 16BIT 160KB FLASH 144TQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2132RVTF10V</a><br>Description: IC MCU 16BIT 64KB FLASH 80TQFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117VLP20V</a><br>Description: IC MCU 16BIT 160KB FLASH 145LGA    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117VBG20V</a><br>Description: IC MCU 16BIT 160KB FLASH 176BGA    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117RVPLP20HV</a><br>Description: IC MCU 16BIT 160KB FLASH 8TSSOP | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117RVLP20DHV</a><br>Description: IC MCU 16BIT 160KB FLASH 145LGA | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117RVLP20HV</a><br>Description: IC MCU 16BIT 160KB FLASH 145LGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2132RFA20JV</a><br>Description: IC MCU                            | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117VT20HV</a><br>Description: IC MCU 16BIT 160KB FLASH 144TQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117VT20IHV</a><br>Description: IC MCU 16BIT 160KB FLASH 144TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2128FA20V</a><br>Description: IC MCU 16BIT 128KB FLASH 64QFP      | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117VBG20IHV</a><br>Description: IC MCU 16BIT 160KB FLASH 176BGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2132RTF20V</a><br>Description: IC MCU 16BIT 64KB FLASH 80TQFP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117RVPT20HV</a><br>Description: IC MCU 16BIT 160KB FLASH 144TQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF2117VT20V</a><br>Description: IC MCU 16BIT 160KB FLASH 144TQFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |

| Related keywords for DF2117VLP20HV        |                                       |                        |                     |
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