

DF38799FP10WV



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**RENESAS**

**Part Number:** [DF38799FP10WV](#)

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

**Description:** IC MCU 16BIT 128KB FLASH 100QFP

**Data sheet:**  [H8/38799 Group Hrdw Manual](#)

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

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                |                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | DF38799FP10WV                             | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 16BIT 128KB FLASH 100QFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 5474 pcs                                  | Data sheet                     | <a href="#">H8/38799 Group Hrdw Manual</a>                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 3.6 V                                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                           | 100-LQFP (14x14)                          | Speed                          | 10MHz                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | H8® H8/300H SLP                           | RAM Size                       | 4K x 8                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                               | FLASH                                     | Program Memory Size            | 128KB (128K x 8)                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                       | POR, PWM, WDT                             | Packaging                      | Tray                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 100-LQFP                                  | Oscillator Type                | Internal                                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                         | Number of I/O                  | 75                                                                                              |
| 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 SLP Microcontroller IC 16-Bit 10MHz 128KB (128K x 8) FLASH 100-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                   | A/D 8x10b                                 | Core Size                      | 16-Bit                                                                                          |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                    | H8/300H                                   | Connectivity                   | I²C, IrDA, SCI                                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | DF38799                                   |                                |                                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                            |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">DF38799FP4V</a><br>Description: IC MCU                                 | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38B-30P-0.3SD</a><br>Description: CONN PLUG 0.3MM 30POS              | Manufacturers: <a href="#">Hirose</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF39014GFXV</a><br>Description: IC MCU 32K FLASH 5V 48LQFP             | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38A-30S-0.3V(51)</a><br>Description: CONN RCPT 0.3MM 30POS SMD       | Manufacturers: <a href="#">Hirose</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38524HV</a><br>Description: IC MCU 8BIT 32KB FLASH 80QFP             | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38602RFH4V</a><br>Description: IC MCU                                | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38J-30P-SHL</a><br>Description: CONN PLUG METAL COVER                | Manufacturers: <a href="#">Hirose</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38A-32S-0.3V(51)</a><br>Description: CONN RECEPT 32POS 0.3MM         | Manufacturers: <a href="#">Hirose</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38602RFH4WV</a><br>Description: IC MCU 16BIT 16KB FLASH 32LQFP       | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38799FP10V</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP       | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38602RFT10V</a><br>Description: IC MCU 16BIT 16KB FLASH 32VQFN       | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38524WV</a><br>Description: IC MCU 8BIT 32KB FLASH 80TQFP            | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38602RFH10V</a><br>Description: IC MCU                               | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38602RFT4WV</a><br>Description: IC MCU 16BIT 16KB FLASH 32VQFN       | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF39047GHV</a><br>Description: IC MCU 64KB FLASH 3/5V 80QFP            | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38A-40S-0.3V(51)</a><br>Description: CONN RCPT 0.3MM 40POS SMD       | Manufacturers: <a href="#">Hirose</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38602RFT10WV</a><br>Description: IC MCU 16BIT 16KB FLASH 32VQFN      | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38B-30P-0.3SD(51)</a><br>Description: CONN PLUG 0.3MM 30POS          | Manufacturers: <a href="#">Hirose</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38AJ-30S-0.3V(51)</a><br>Description: CONN RCPT TEST 0.3MM 30POS SMD | Manufacturers: <a href="#">Hirose</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38602RFT4V</a><br>Description: IC MCU 16BIT 16KB FLASH 32VQFN        | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |

| Related keywords for DF38799FP10WV        |                                       |                        |                     |
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