

DF38086RW10WV



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See Product Specifications for product details.  
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**Part Number:** [DF38086RW10WV](#)

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

**Description:** IC MCU 16BIT 52KB FLASH 80TQFP

**Data sheet:**  [H8/38086R Group Hardware Manual](#)

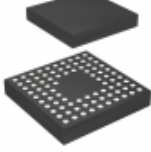
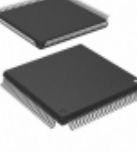
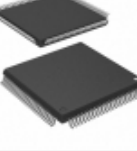
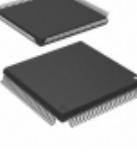
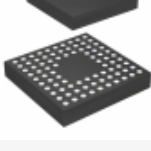
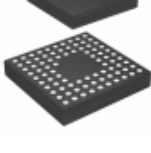
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                |                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | DF38086RW10WV                             | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 16BIT 52KB FLASH 80TQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 5974 pcs                                  | Data sheet                     | <a href="#">H8/38086R Group Hardware Manual</a>                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 3.6 V                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                           | 80-TQFP (12x12)                           | Speed                          | 10MHz                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | H8® H8/300H SLP                           | RAM Size                       | 2K x 8                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                               | FLASH                                     | Program Memory Size            | 52KB (52K x 8)                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                       | LCD, POR, PWM, WDT                        | Packaging                      | Tray                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 80-TQFP                                   | Oscillator Type                | Internal                                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                         | Number of I/O                  | 55                                                                                           |
| 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 52KB (52K x 8) FLASH 80-TQFP (12x12) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                   | A/D 3x10b, 2x14b                          | Core Size                      | 16-Bit                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                    | H8/300H                                   | Connectivity                   | PC, IrDA, SCI                                                                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | DF38086                                   |                                |                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                            |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
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|  | Part#: <a href="#">DF38086RW4V</a><br>Description: IC MCU 16BIT 52KB FLASH 80TQFP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38086RH4V</a><br>Description: IC MCU 16BIT 52KB FLASH 80QFP      | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">DF38076RW10WV</a><br>Description: IC MCU 16BIT 52KB FLASH 80TQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38086RLP10WV</a><br>Description: IC MCU 16BIT 52KB FLASH 85TFLGA | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38102HV</a><br>Description: IC MCU 8BIT 16KB FLASH 64QFP         | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38102FPV</a><br>Description: IC MCU 8BIT 16KB FLASH 64LQFP       | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">DF38099FP4V</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38099FP10WV</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38099FP10V</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38086RH10WV</a><br>Description: IC MCU 16BIT 52KB FLASH 80QFP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38086RH10V</a><br>Description: IC MCU 16BIT 52KB FLASH 80QFP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38104FPWV</a><br>Description: IC MCU 8BIT 32KB FLASH 64LQFP      | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38076RW4V</a><br>Description: IC MCU 16BIT 52KB FLASH 80TQFP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38086RLP10V</a><br>Description: IC MCU 16BIT 52KB FLASH 85TFLGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38086RLP4V</a><br>Description: IC MCU 16BIT 52KB FLASH 85TFLGA   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38104HV</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFP         | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |

| Related keywords for DF38086RW10WV        |                                       |                        |                     |
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