

DF38427HV



Part Number: [DF38427HV](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 8BIT 60KB FLASH 80QFP

Data sheet:  [H8/3827R\(S\), H8/38327/38427 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DF38427HV                                 | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 8BIT 60KB FLASH 80QFP              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5693 pcs                                  | Data sheet                     | <a href="#">H8/3827R(S), H8/38327/38427 Group Hardware Manual</a>                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 80-QFP (14x14)                            | Speed                          | 8MHz                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | H8® H8/300L SLP                           | RAM Size                       | 2K x 8                                                                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                     | Program Memory Size            | 60KB (60K x 8)                                                                            |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LCD, PWM, WDT                             | Packaging                      | Tray                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 80-BQFP                                   | Oscillator Type                | Internal                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -20°C ~ 75°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           | H8/300L H8® H8/300L SLP Microcontroller IC 8-Bit 8MHz 60KB (60K x 8) FLASH 80-QFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A/D 8x10b                                 | Core Size                      | 8-Bit                                                                                     |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H8/300L                                   | Connectivity                   | SCI                                                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DF38427                                   |                                |                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                            |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | 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="#">DF38602RFT10V</a><br>Description: IC MCU 16BIT 16KB FLASH 32VQFN  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38344XV</a><br>Description: IC MCU 8BIT 32KB FLASH 100TQFP      | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38344WV</a><br>Description: IC MCU 8BIT 32KB FLASH 100TQFP      | 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="#">DF38602RFT4V</a><br>Description: IC MCU 16BIT 16KB FLASH 32VQFN   | Manufacturers: <a href="#">Renesas Electronics America</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="#">DF38799FP10V</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38347XV</a><br>Description: IC MCU 8BIT 60KB FLASH 100TQFP      | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38347HWV</a><br>Description: IC MCU 8BIT 60KB FLASH 100QFP      | 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="#">DF38602RFH10V</a><br>Description: IC MCU                          | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38347WV</a><br>Description: IC MCU 8BIT 60KB FLASH 100TQFP      | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38347XWV</a><br>Description: IC MCU 8BIT 60KB FLASH 100TQFP     | 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> |
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|  | Part#: <a href="#">DF38347HV</a><br>Description: IC MCU 8BIT 60KB FLASH 100QFP       | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38344WWV</a><br>Description: IC MCU 8BIT 32KB FLASH 100TQFP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38344XWV</a><br>Description: IC MCU 8BIT 32KB FLASH 100TQFP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DF38347WWV</a><br>Description: IC MCU 8BIT 60KB FLASH 100TQFP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |

Related keywords for DF38427HV

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