# DF38524HV

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**Part Number:** DF38524HV
**Manufacturer** Renesas Electronics America
**Description** IC MCU 8BIT 32KB FLASH 80QFP
**Data sheet:** H8/38524 Group Hrdw Manual

**RoHs Status:** Lead free / RoHS Compliant
**Ship From:** Hong Kong
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Request For Quotation

## PRODUCT PARAMETER

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|---|---|---|---|
| **Part Number** | DF38524HV | **Manufacturer** | Renesas Electronics America |
| **Description** | IC MCU 8BIT 32KB FLASH 80QFP | **Lead Free Status / RoHS Status** | Lead free / RoHS Compliant |
| **Quantity Available** | 5348 pcs | **Data sheet** | H8/38524 Group Hrdw Manual |
| **Category** | Integrated Circuits (ICs) | **Voltage - Supply (Vcc/Vdd)** | 2.7 V ~ 5.5 V |
| **Supplier Device Package** | 80-QFP (14x14) | **Speed** | 10MHz |
| **Series** | H8® H8/300H SLP | **RAM Size** | 1K x 8 |
| **Program Memory Type** | FLASH | **Program Memory Size** | 32KB (32K x 8) |
| **Peripherals** | LCD, LVD, POR, PWM, WDT | **Packaging** | Tray |
| **Package / Case** | 80-BQFP | **Oscillator Type** | Internal |
| **Operating Temperature** | -20°C ~ 75°C (TA) | **Number of I/O** | 50 |
| **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 8-Bit 10MHz 32KB (32K x 8) FLASH 80-QFP (14x14) |
| **Data Converters** | A/D 8x10b | **Core Size** | 8-Bit |
| **Core Processor** | H8/300H | **Connectivity** | SCI |
| **Base Part Number** | DF38524 | | |

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## RELATED PRODUCTS

Part#: DF38602RFH10V — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU

Part#: DF38799FP10V — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU 16BIT 128KB FLASH 100QFP

Part#: DF38602RFH4WV — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU 16BIT 16KB FLASH 32LQFP

Part#: DF38344XV — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU 8BIT 32KB FLASH 100TQFP

Part#: DF38347HWV — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU 8BIT 60KB FLASH 100QFP

Part#: DF38427HV — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU 8BIT 60KB FLASH 80QFP

Part#: DF38347WWV — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU 8BIT 60KB FLASH 100TQFP

Part#: DF38524WV — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU 8BIT 32KB FLASH 80TQFP

Part#: DF38347XWV — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU 8BIT 60KB FLASH 100TQFP

Part#: DF38344WWV — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU 8BIT 32KB FLASH 100TQFP

Part#: DF38602RFH4V — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU

Part#: DF38602RFT4V — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU 16BIT 16KB FLASH 32VQFN

Part#: DF38602RFT4WV — Manufacturers: Renesas Electronics America — RFQ
Description: IC MCU 16BIT 16KB FLASH 32VQFN

Part#: DF38347HV — Manufacturers: Renesas Electronics America — RFQ
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