



Renesas Electronics America

DF38102HV

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DF38102HV                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                     |
| Product description | IC MCU 8BIT 16KB FLASH 64QFP                                                                                    |
| Datasheets:         |  <a href="#">DF38102HV.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 12679 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

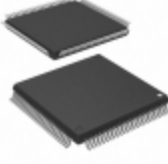
Specifications of DF38102HV

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DF38102HV                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 64QFP                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE               | 12679 pcs                                                                                                         |
| DATA SHEET                       |  <a href="#">DF38102HV.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 64-QFP (14x14)                                                                                                    |
| SPEED                            | 10MHz                                                                                                             |
| SERIES                           | H8® H8/300L SLP                                                                                                   |
| RAM SIZE                         | 1K x 8                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                             |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                    |
| PERIPHERALS                      | LCD, POR, PWM, WDT                                                                                                |
| PACKAGING                        | Tray                                                                                                              |
| PACKAGE / CASE                   | 64-BQFP                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                          |
| OPERATING TEMPERATURE            | -20°C ~ 75°C (TA)                                                                                                 |
| NUMBER OF I/O                    | 39                                                                                                                |
| 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 10MHz 16KB (16K x 8) FLASH 64-QFP (14x14)                        |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                                             |
| CORE PROCESSOR                   | H8/300L                                                                                                           |
| CONNECTIVITY                     | SCI                                                                                                               |

Related Tags

|                                       |                                      |                                           |
|---------------------------------------|--------------------------------------|-------------------------------------------|
| Renesas Electronics America DF38102HV | DF38102HV Distributor                | DF38102HV Supplier                        |
| DF38102HV Price                       | DF38102HV Pictures                   | DF38102HV Image                           |
| DF38102HV PDF Datasheet               | DF38102HV Download Datasheet         | DF38102HV Datasheet                       |
| DF38102HV Stock                       | Buy DF38102HV                        | Buy Renesas Electronics America DF38102HV |
| Renesas Electronics America DF38102HV | Renesas Electronics America Supplier | Renesas Electronics America Distributor   |
| Renesas Electronics America DF38102HV | Renesas Technology Corp DF38102HV    | Renesas DF38102HV                         |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |
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| <div></div> <div><b>DF38102FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB FLASH 64LQFP<br/>In stock: 3819 pcs</div> <div>RFQ</div>      | <div></div> <div><b>DF38086RW4V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 52KB FLASH 80TQFP<br/>In stock: 3648 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>DF38099FP4V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 6645 pcs</div> <div>RFQ</div>   | <div></div> <div><b>DF38104FPWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br/>In stock: 9218 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>DF38122WV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br/>In stock: 3951 pcs</div> <div>RFQ</div>       | <div></div> <div><b>DF38102HWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB FLASH 64QFP<br/>In stock: 3374 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>DF38104HV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 32KB FLASH 64QFP<br/>In stock: 4303 pcs</div> <div>RFQ</div>        | <div></div> <div><b>DF38104FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br/>In stock: 4099 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>DF38086RW10WV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 52KB FLASH 80TQFP<br/>In stock: 7065 pcs</div> <div>RFQ</div>  | <div></div> <div><b>DF38099FP10V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4263 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>DF38099FP10WV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4735 pcs</div> <div>RFQ</div> | <div></div> <div><b>DF38104HWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 32KB FLASH 64QFP<br/>In stock: 10287 pcs</div> <div>RFQ</div>     |