

HD64F3684HV

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | HD64F3684HV                                                                                                  |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 32KB FLASH 64QFP                                                                                |
| Datasheets:         |  HD64F3684HV.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5410 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 HD64F3684HV

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HD64F3684HV                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 64QFP                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE               | 5410 pcs                                                                                            |
| DATA SHEET                       |  HD64F3684HV.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 64-QFP (14x14)                                                                                      |
| SPEED                            | 20MHz                                                                                               |
| SERIES                           | H8® H8/300H Tiny                                                                                    |
| RAM SIZE                         | 4K x 8                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                               |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                      |
| PERIPHERALS                      | PWM, WDT                                                                                            |
| PACKAGING                        | Tray                                                                                                |
| PACKAGE / CASE                   | 64-BQFP                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                            |
| OPERATING TEMPERATURE            | -20°C ~ 75°C (TA)                                                                                   |
| NUMBER OF I/O                    | 45                                                                                                  |
| 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 Tiny Microcontroller IC 16-Bit 20MHz 32KB (32K x 8) FLASH 64-QFP (14x14)        |
| DATA CONVERTERS                  | A/D 8x10b                                                                                           |
| CORE SIZE                        | 16-Bit                                                                                              |
| CORE PROCESSOR                   | H8/300H                                                                                             |
| CONNECTIVITY                     | I²C, SCI                                                                                            |
| BASE PART NUMBER                 | HD64F3684                                                                                           |

Related Tags

|                                         |                                      |                                             |
|-----------------------------------------|--------------------------------------|---------------------------------------------|
| Renesas Electronics America HD64F3684HV | HD64F3684HV Distributor              | HD64F3684HV Supplier                        |
| HD64F3684HV Price                       | HD64F3684HV Pictures                 | HD64F3684HV Image                           |
| HD64F3684HV PDF Datasheet               | HD64F3684HV Download Datasheet       | HD64F3684HV Datasheet                       |
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| Renesas Electronics America HD64F3684HV | Renesas Technology Corp HD64F3684HV  | Renesas HD64F3684HV                         |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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| <div></div> <div><b>HD64F3684FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 4426 pcs</div> <div>RFQ</div>   | <div></div> <div><b>HD64F3687DV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 56KB FLASH 64LQFP<br/>In stock: 3783 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>HD64F3687FPIV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 56KB FLASH 64LQFP<br/>In stock: 3611 pcs</div> <div>RFQ</div>  | <div></div> <div><b>HD64F3687GFPMV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 56KB FLASH 64LQFP<br/>In stock: 3768 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>HD64F3687GFPIV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 56KB FLASH 64LQFP<br/>In stock: 6643 pcs</div> <div>RFQ</div> | <div></div> <div><b>HD64F3684GFPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 6248 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>HD64F3684GDV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64QFP<br/>In stock: 3099 pcs</div> <div>RFQ</div>    | <div></div> <div><b>HD64F3687GDV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 56KB FLASH 64QFP<br/>In stock: 6189 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>HD64F3684GHI</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64QFP<br/>In stock: 4598 pcs</div> <div>RFQ</div>    | <div></div> <div><b>HD64F3684GHV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64QFP<br/>In stock: 10562 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>HD64F3684GFPIV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 4740 pcs</div> <div>RFQ</div> | <div></div> <div><b>HD64F3687FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 56KB FLASH 64LQFP<br/>In stock: 8808 pcs</div> <div>RFQ</div>   |