

HD64F3670FYIV



Part Number: [HD64F3670FYIV](#)

Manufacturer [Renesas Electronics America](#)

Description IC MCU 16BIT 8KB FLASH 48LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                |                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | HD64F3670FYIV                             | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 16BIT 8KB FLASH 48LQFP             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 4160 pcs                                  | Data sheet                     |                                                                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 5.5 V                                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                           | 48-LQFP (10x10)                           | Speed                          | 16MHz                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | H8® H8/300H Tiny                          | RAM Size                       | 2K x 8                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                               | FLASH                                     | Program Memory Size            | 8KB (8K x 8)                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                       | PWM, WDT                                  | Packaging                      | Tray                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 48-LQFP                                   | Oscillator Type                | External                                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                         | Number of I/O                  | 26                                                                                          |
| 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 16MHz 8KB (8K x 8) FLASH 48-LQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                   | A/D 4x10b                                 | Core Size                      | 16-Bit                                                                                      |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                    | H8/300H                                   | Connectivity                   | SCI                                                                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | HD64*3670                                 |                                |                                                                                             |
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