

D73042FI16V



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**Part Number:** [D73042FI16V](#)

**Manufacturer:** [Renesas Electronics America](#)

**Description:** IC MCU 16BIT 64KB OTP 100QFP

**Data sheet:**

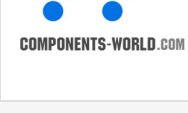
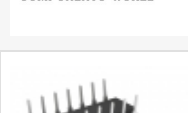
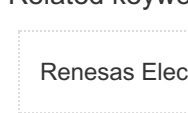
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                |                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | D73042FI16V                               | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 64KB OTP 100QFP              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4228 pcs                                  | Data sheet                     |                                                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 100-QFP (14x14)                           | Speed                          | 16MHz                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | H8® H8/300H                               | RAM Size                       | 2K x 8                                                                                 |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                            | OTP                                       | Program Memory Size            | 64KB (64K x 8)                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DMA, PWM, WDT                             | Packaging                      | Tray                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100-BFQFP                                 | Oscillator Type                | External                                                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -20°C ~ 75°C (TA)                         | Number of I/O                  | 70                                                                                     |
| 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 Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) OTP 100-QFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 8x10b                                 | Core Size                      | 16-Bit                                                                                 |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | H8/300H                                   | Connectivity                   | SCI                                                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D73042                                    |                                |                                                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 4228 pieces of Renesas Electronics America D73042FI16V in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                        |

| RELATED PRODUCTS                                                                   |                                                                                               |                                                               |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">FS32R274VBK2MMM</a><br>Description: 2M FLASH 1.5MB SRAM 2X                 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4124AZI-S433T</a><br>Description: IC MCU 32BIT 16KB FLASH 48TQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a>          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S912ZVLA12F0MLFR</a><br>Description: IC MCU 16BIT 128KB FLASH 48LQFP       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DSPIC33FJ16GP101-I/SS</a><br>Description: IC MCU 16BIT 16KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB96F336USAPMC-GSK5E2</a><br>Description: IC MCU 16BIT 288KB FLASH 144LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a>          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90347DASPFV-GS-478E1</a><br>Description: IC MCU 16BIT 128KB MROM 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a>          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">XU208-256-QF48-I10</a><br>Description: IC MCU 32BIT ROMLESS 48UQFN         | Manufacturers: <a href="#">XMOS</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90022PF-GS-327E1</a><br>Description: IC MCU 16B FFMC-16F-0.35 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a>          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MSP430F4783IPZR</a><br>Description: IC MCU 16BIT 48KB FLASH 100LQFP        | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">D73064-42</a><br>Description: CONN IC DIP SOCKET 64POS GOLD                | Manufacturers: <a href="#">Harwin</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC12LF1571-I/MF</a><br>Description: IC MCU 8BIT 1.75KB FLASH 8DFN         | Manufacturers: <a href="#">Micrel / Microchip Technology</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MSP430F5229IYFFR</a><br>Description: IC MCU 16BIT 128KB FLASH 64DSBGA      | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF1615-E/P</a><br>Description: IC MCU 8BIT 14KB FLASH 14DIP           | Manufacturers: <a href="#">Micrel / Microchip Technology</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F010</a><br>Description: IC MCU 8BIT 32KB FLASH 64TQFP                | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MSP430F417IPM</a><br>Description: IC MCU 16BIT 32KB FLASH 64LQFP           | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F563TBEDFH#V0</a><br>Description: IC MCU 32BIT 256KB FLASH 112LQFP       | Manufacturers: <a href="#">Renesas Electronics America</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">Z8F0813SH005SC</a><br>Description: IC MCU 8BIT 8KB FLASH 20SOIC            | Manufacturers: <a href="#">Zilog</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16C715T-04/SO</a><br>Description: IC MCU 8BIT 3.5KB OTP 18SOIC          | Manufacturers: <a href="#">Micrel / Microchip Technology</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC17LC752T-08I/L</a><br>Description: IC MCU 8BIT 16KB OTP 68PLCC          | Manufacturers: <a href="#">Micrel / Microchip Technology</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">STM32F038F6P6</a><br>Description: IC MCU 32BIT 32KB FLASH 20TSSOP          | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |

| Related keywords for D73042FI16V        |                                     |                      |                   |
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