

RENESAS

Renesas Electronics America

R5F56318CDLJ#U0

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| Part Number: | R5F56318CDLJ#U0 |
| Manufacturer/Brand: | Renesas Electronics America |
| Product description: | IC MCU 32BIT 512KB FLASH 100LGA |
| Datasheets: | 1.R5F56318CDLJ#U0.pdf 2.R5F56318CDLJ#U0.pdf |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 12046 pcs stock |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation. See specifications for product details.

Specifications of R5F56318CDLJ#U0

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|----------------------------------|--|
| PART NUMBER | R5F56318CDLJ#U0 |
| MANUFACTURER | Renesas Electronics America |
| DESCRIPTION | IC MCU 32BIT 512KB FLASH 100LGA |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 12046 pcs |
| DATA SHEET | 1.R5F56318CDLJ#U0.pdf 2.R5F56318CDLJ#U0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 2.7 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 100-TFLGA (7x7) |
| SPEED | 100MHz |
| SERIES | RX600 |
| RAM SIZE | 128K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 512KB (512K x 8) |
| PERIPHERALS | DMA, LVD, POR, PWM, WDT |
| PACKAGING | Tray |
| PACKAGE / CASE | 100-TFLGA |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 78 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| EEPROM SIZE | 32K x 8 |
| DETAILED DESCRIPTION | RX RX600 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 100-TFLGA (7x7) |
| DATA CONVERTERS | A/D 8x10b, 14x12b, D/A 1x10b |
| CORE SIZE | 32-Bit |
| CORE PROCESSOR | RX |
| CONNECTIVITY | CANbus, EBI/EMI, I ² C, LINbus, SCI, SPI, USB |

Related Tags

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Related Products

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|--|---|
| <p>R5F56318DDFB#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 512KB FLASH 144QFP In stock: 8022 pcs RFQ</p> | <p>R5F56318CDLC#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 512KB FLASH 177LGA In stock: 9635 pcs RFQ</p> |
| <p>R5F56318CDFP#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 10585 pcs RFQ</p> | <p>R5F56318CDFC#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 512KB FLASH 176QFP In stock: 8556 pcs RFQ</p> |
| <p>R5F56318CDFB#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 512KB FLASH 144QFP In stock: 9775 pcs RFQ</p> | <p>R5F56318DDFC#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 512KB FLASH 176QFP In stock: 10908 pcs RFQ</p> |
| <p>R5F56317SDLK#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 384KB FLASH 145LGA In stock: 10043 pcs RFQ</p> | <p>R5F56318CDBG#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 512KB FLASH 176BGA In stock: 8110 pcs RFQ</p> |
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