



Renesas Electronics America

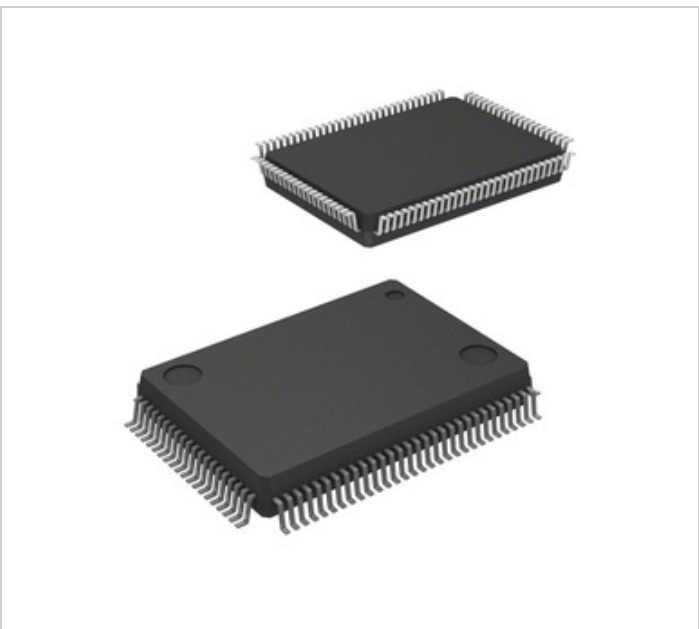


Image may be representation. See specifications for product details.

R5F3650ENFA#U0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F3650ENFA#U0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 256KB FLASH 100QFP                                                                              |
| Datasheets:         |  1.R5F3650ENFA#U0.pdf       |
|                     |  2.R5F3650ENFA#U0.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 8360 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

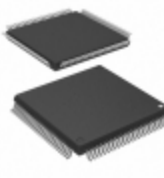
Specifications of R5F3650ENFA#U0

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F3650ENFA#U0                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                              |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 100QFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 8360 pcs                                                                                                 |
| DATA SHEET                       |  1.R5F3650ENFA#U0.pdf |
|                                  |  2.R5F3650ENFA#U0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 100-QFP (14x20)                                                                                          |
| SPEED                            | 32MHz                                                                                                    |
| SERIES                           | M16C™ M16C/60/65                                                                                         |
| RAM SIZE                         | 20K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                  |
| PACKAGING                        | Tray                                                                                                     |
| PACKAGE / CASE                   | 100-BQFP                                                                                                 |
| OTHER NAMES                      | R5F3650ENFAU0                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 85                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | -                                                                                                        |
| DETAILED DESCRIPTION             | M16C/60 M16C™ M16C/60/65 Microcontroller IC 16-Bit 32MHz 256KB (256K x 8) FLASH 100-QFP (14x20)          |
| DATA CONVERTERS                  | A/D 26x10b; D/A 2x8b                                                                                     |
| CORE SIZE                        | 16-Bit                                                                                                   |
| CORE PROCESSOR                   | M16C/60                                                                                                  |
| CONNECTIVITY                     | EBI/EMI, I²C, SIO, UART/USART                                                                            |
| BASE PART NUMBER                 | R5F3650                                                                                                  |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F3650ENFA#U0 | R5F3650ENFA#U0 Distributor             | R5F3650ENFA#U0 Supplier                        |
| R5F3650ENFA#U0 Price                       | R5F3650ENFA#U0 Pictures                | R5F3650ENFA#U0 Image                           |
| R5F3650ENFA#U0 PDF Datasheet               | R5F3650ENFA#U0 Download Datasheet      | R5F3650ENFA#U0 Datasheet                       |
| R5F3650ENFA#U0 Stock                       | Buy R5F3650ENFA#U0                     | Buy Renesas Electronics America R5F3650ENFA#U0 |
| Renesas Electronics America R5F3650ENFA#U0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F3650ENFA#U0 | Renesas Technology Corp R5F3650ENFA#U0 | Renesas R5F3650ENFA#U0                         |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
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|  <div><b>R5F3650KDFA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 384KB FLASH 100QFP<br/>In stock: 7485 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F36506CNFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU QFP<br/>In stock: 7067 pcs<br/><div>RFQ</div></div>                      |
|  <div><b>R5F3650KCDFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 384KB FLASH 100QFP<br/>In stock: 5651 pcs<br/><div>RFQ</div></div> |  <div><b>R5F3650EDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 11136 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F36506DFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 8732 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F3650KCNFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 384KB FLASH 100QFP<br/>In stock: 3053 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F3650KCDFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU QFP<br/>In stock: 5628 pcs<br/><div>RFQ</div></div>                      |  <div><b>R5F3650KNFA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 384KB FLASH 100QFP<br/>In stock: 6333 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F3650ECNFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU QFP<br/>In stock: 5876 pcs<br/><div>RFQ</div></div>                      |  <div><b>R5F36506DFA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 10309 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F3650KCNFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU QFP<br/>In stock: 5506 pcs<br/><div>RFQ</div></div>                      |  <div><b>R5F36506NFA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 10249 pcs<br/><div>RFQ</div></div> |