



Renesas Electronics America

### R5F3650NNFB#30

Part Number:	R5F3650NNFB#30
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 16BIT 512KB FLASH 100QFP
Datasheets:	<a href="#">1.R5F3650NNFB#30.pdf</a> <a href="#">2.R5F3650NNFB#30.pdf</a>
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	7923 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 R5F3650NNFB#30

PART NUMBER	R5F3650NNFB#30
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 512KB FLASH 100QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7923 pcs
DATA SHEET	<a href="#">1.R5F3650NNFB#30.pdf</a> <a href="#">2.R5F3650NNFB#30.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-LFQFP (14x14)
SPEED	32MHz
SERIES	M16C™ M16C/60/65
RAM SIZE	47K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
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 512KB (512K x 8) FLASH 100-LFQFP (14x14)
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 R5F3650NNFB#30	R5F3650NNFB#30 Distributor	R5F3650NNFB#30 Supplier
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#### Related Products

<p><b>R5F3650NCNFB#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU QFP                  In stock: 2909 pcs  <a href="#">RFQ</a></p>	<p><b>R5F3651EDFC#U0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 256KB FLASH 128LQFP                  In stock: 7895 pcs  <a href="#">RFQ</a></p>
<p><b>R5F3650MNFB#V2</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 512KB FLASH 100QFP                  In stock: 4389 pcs  <a href="#">RFQ</a></p>	<p><b>R5F3650MDFB#V2</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 512KB FLASH 100QFP                  In stock: 5879 pcs  <a href="#">RFQ</a></p>
<p><b>R5F3650TNFA#U0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 768KB FLASH 100QFP                  In stock: 7011 pcs  <a href="#">RFQ</a></p>	<p><b>R5F3650NCNFA#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 512KB FLASH 100QFP                  In stock: 6625 pcs  <a href="#">RFQ</a></p>
<p><b>R5F3650TNFB#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 768KB FLASH 100QFP                  In stock: 5407 pcs  <a href="#">RFQ</a></p>	<p><b>R5F3650NDFB#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 512KB FLASH 100QFP                  In stock: 5561 pcs  <a href="#">RFQ</a></p>
<p><b>R5F3650NDFA#U0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 512KB FLASH 100QFP                  In stock: 5851 pcs  <a href="#">RFQ</a></p>	<p><b>R5F3650TDFB#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 768KB FLASH 100QFP                  In stock: 6124 pcs  <a href="#">RFQ</a></p>
<p><b>R5F3651KCDFC#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 384KB FLASH 128LQFP                  In stock: 2707 pcs  <a href="#">RFQ</a></p>	<p><b>R5F3650TDFA#U0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 768KB FLASH 100QFP                  In stock: 5521 pcs  <a href="#">RFQ</a></p>

