

R5F3650NDFA#U0



Part Number: [R5F3650NDFA#U0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 512KB FLASH 100QFP

Data sheet:  [M16C/65 Datasheet](#)
 [M16C/65 Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

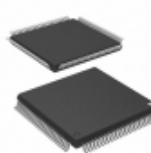
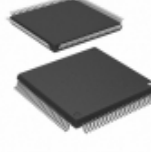
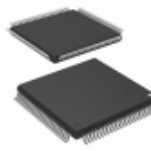
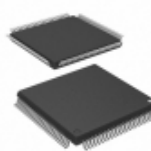
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	R5F3650NDFA#U0	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 512KB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9637 pcs	Data sheet	M16C/65 Datasheet M16C/65 Hardware Manual
Category	Integrated Circuits (ICs)	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	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-BQFP	Other Names	R5F3650NDFAU0
Oscillator Type	Internal	Operating Temperature	-40°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-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
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