

M306NKFHGP#U3



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Part Number: [M306NKFHGP#U3](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 384KB FLASH 100QFP

Data sheet:  [M16C/6N Hardware Manual](#)
 [M16C/6N Datasheet](#)

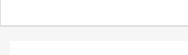
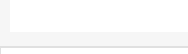
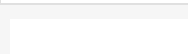
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	M306NKFHGP#U3	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 384KB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5297 pcs	Data sheet	M16C/6N Hardware Manual M16C/6N Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	24MHz
Series	M16C™ M16C/60/6NK	RAM Size	31K x 8
Program Memory Type	FLASH	Program Memory Size	384KB (384K x 8)
Peripherals	DMA, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	M306NKFHGPU3
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	85	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	24 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	M16C/60 M16C™ M16C/60/6NK Microcontroller IC 16-Bit 24MHz 384KB (384K x 8) FLASH 100-LFQFP (14x14)
Data Converters	A/D 26x10b; D/A 2x8b	Core Size	16-Bit
Core Processor	M16C/60	Connectivity	CANbus, I²C, IEBus, SIO, UART/USART
Base Part Number	M306N		
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