

M306NLFHGP#U3



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Part Number: [M306NLFHGP#U3](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 384KB FLASH 100QFP

Data sheet:  [M16C/6NL, M16C/6NN Datasheet](#)
 [M16C/16NL, M16C/6NN Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	M306NLFHGP#U3	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 384KB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5553 pcs	Data sheet	M16C/6NL, M16C/6NN Datasheet M16C/16NL, M16C/6NN Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	100-LFQFP (14x14)	Speed	24MHz
Series	M16C™ M16C/60/6NL	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	M306NLFHGPU3
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/60/6NL 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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