

M306NNFHGP#U3



Part Number: [M306NNFHGP#U3](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 384KB FLASH 128LQFP

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

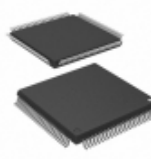
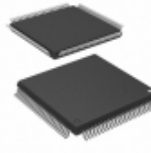
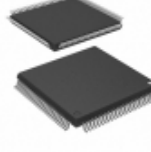
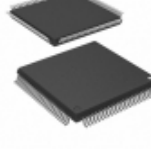
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	M306NNFHGP#U3	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 384KB FLASH 128LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4201 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	128-LQFP (14x20)	Speed	24MHz
Series	M16C™ M16C/6N	RAM Size	31K x 8
Program Memory Type	FLASH	Program Memory Size	384KB (384K x 8)
Peripherals	DMA, WDT	Packaging	Tray
Package / Case	128-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	111
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	M16C/60 M16C™ M16C/6N Microcontroller IC 16-Bit 24MHz 384KB (384K x 8) FLASH 128-LQFP (14x20)
Data Converters	A/D 26x10b; D/A 2x8b	Core Size	16-Bit
Core Processor	M16C/60	Connectivity	CANbus, I²C, IEBus, SIO, UART/USART

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	Part#: M306NLFJGP#U3 Description: IC MCU 16BIT 512KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: M306S0FAGP#U3 Description: IC MCU 16BIT 96KB FLASH 64LQFP	Manufacturers: Renesas Electronics America	RFQ
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