

M306S0FAGP#U5



Part Number: [M306S0FAGP#U5](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 96KB FLASH 64LFQFP

Data sheet:  [M16C/6S Group](#)

RoHs Status: Lead free / RoHS Compliant

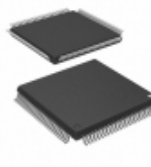
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PRODUCT PARAMETER			
Part Number	M306S0FAGP#U5	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 96KB FLASH 64LFQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5446 pcs	Data sheet	M16C/6S Group
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-LFQFP (10x10)	Speed	15MHz
Series	M16C™ M16C/60/6S	RAM Size	24K x 8
Program Memory Type	FLASH	Program Memory Size	96KB (96K x 8)
Peripherals	DMA, WDT	Packaging	Tray
Package / Case	64-LQFP	Oscillator Type	Internal
Operating Temperature	-20°C ~ 85°C (TA)	Number of I/O	20
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	M16C/60 M16C™ M16C/60/6S Microcontroller IC 16-Bit 15MHz 96KB (96K x 8) FLASH 64-LFQFP (10x10)
Data Converters	-	Core Size	16-Bit
Core Processor	M16C/60	Connectivity	I²C, SIO, UART/USART
Base Part Number	M306S		
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	Part#: M306NKFJGP#U3 Description: IC MCU 16BIT 512KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: M306NLFJGP#U3 Description: IC MCU 16BIT 512KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
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	Part#: M306S0FAGP#U3 Description: IC MCU 16BIT 96KB FLASH 64LFQFP	Manufacturers: Renesas Electronics America	RFQ
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	Part#: M30833FJGP#U3 Description: IC MCU 32BIT 512KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: M306NMFJGP#U3 Description: IC MCU 16BIT 512KB FLASH 128LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: M306NNFJGP#U3 Description: IC MCU 16BIT 512KB FLASH 128LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: M30833FJFP#U3 Description: IC MCU 32BIT 512KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ

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