

M3087BFKGP#U3



Part Number: [M3087BFKGP#U3](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 768KB FLASH 144QFP

Data sheet:  [M32C/87 Hardware Manual](#)
 [M32C/87 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

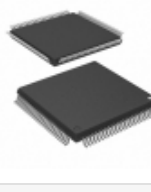
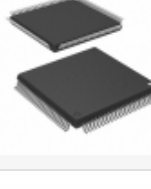
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PRODUCT PARAMETER			
Part Number	M3087BFKGP#U3	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 768KB FLASH 144QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4745 pcs	Data sheet	M32C/87 Hardware Manual M32C/87 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	144-LFQFP (20x20)	Speed	32MHz
Series	M16C™ M32C/80/87	RAM Size	48K x 8
Program Memory Type	FLASH	Program Memory Size	768KB (768K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	M3087BFKGPU3
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	121	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	M32C/80 M16C™ M32C/80/87 Microcontroller IC 16/32-Bit 32MHz 768KB (768K x 8) FLASH 144-LFQFP (20x20)	Data Converters	A/D 34x10b, D/A 2x8b
Core Size	16/32-Bit	Core Processor	M32C/80
Connectivity	CANbus, EBI/EMI, I²C, IEBus, IrDA, SIO, UART/USART	Base Part Number	M3087
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