

RENESAS

Renesas Electronics America

M3087BFKBGP#U3

Part Number: M3087BFKBGP#U3
 Manufacturer/Brand: Renesas Electronics America
 Product description: IC MCU 32BIT 768KB FLASH 144QFP
 Datasheets: [1.M3087BFKBGP#U3.pdf](#)
[2.M3087BFKBGP#U3.pdf](#)
 RoHS Status: Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of M3087BFKBGP#U3

PART NUMBER	M3087BFKBGP#U3
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 768KB FLASH 144QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.M3087BFKBGP#U3.pdf 2.M3087BFKBGP#U3.pdf
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
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	EBI/EMI, I ² C, IEBus, IrDA, SIO, UART/USART
BASE PART NUMBER	M3087

Related Tags

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Related Products

 M30879FLGP#U3 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 100LFQFP In stock: 52 pcs RFQ	 M30879FLGP#U5 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 100LFQFP In stock: 90 pcs RFQ
 M30879FLFP#U3 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 100QFP In stock: Out stock RFQ	 M3087BFKAGP#U3 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 144QFP In stock: Out stock RFQ
 M3087BFKGP#U3 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 144QFP In stock: Out stock RFQ	 M3087BFKAGP#U5 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 144QFP In stock: Out stock RFQ
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