

M30280F6HP#U5B



Part Number: [M30280F6HP#U5B](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 48KB FLASH 80LQFP

Data sheet:  [M16C/28 Group Datasheet](#)
 [MC16C/28 Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	M30280F6HP#U5B	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 48KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5770 pcs	Data sheet	M16C/28 Group Datasheet MC16C/28 Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	80-LQFP (12x12)	Speed	20MHz
Series	M16C™ M16C/Tiny/28	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (48K x 8)
Peripherals	DMA, POR, PWM, Voltage Detect, WDT	Packaging	Tray
Package / Case	80-LQFP	Other Names	M30280F6HPU5B
Oscillator Type	Internal	Operating Temperature	-20°C ~ 85°C (TA)
Number of I/O	71	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	M16C/60 M16C™ M16C/Tiny/28 Microcontroller IC 16-Bit 20MHz 48KB (48K x 8) FLASH 80-LQFP (12x12)	Data Converters	A/D 24x10b
Core Size	16-Bit	Core Processor	M16C/60
Connectivity	I²C, IEBus, SIO, UART/USART	Base Part Number	M30280
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