

M30280F6HP#U7B



Part Number: [M30280F6HP#U7B](#)

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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PRODUCT PARAMETER			
Part Number	M30280F6HP#U7B	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 48KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4498 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	Oscillator Type	Internal
Operating Temperature	-40°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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	Part#: M30280F8WG#U5B Description: MCU LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: M30280F6HP#U5B Description: IC MCU 16BIT 48KB FLASH 80LQFP	Manufacturers: Renesas Electronics America	RFQ

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