



Renesas Electronics America



M30280F6HP#U3B

Part Number:	M30280F6HP#U3B
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 16BIT 48KB FLASH 80LQFP
Datasheets:	1.M30280F6HP#U3B.pdf 2.M30280F6HP#U3B.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	9523 pcs stock
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 M30280F6HP#U3B

PART NUMBER	M30280F6HP#U3B
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 48KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9523 pcs
DATA SHEET	1.M30280F6HP#U3B.pdf 2.M30280F6HP#U3B.pdf
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	M30280F6HP#U3 M30280F6HP#U3-ND M30280F6HPU3B
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

Related Tags

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