



Renesas Electronics America



M30291FAHP#U5A

Part Number:	M30291FAHP#U5A
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 16BIT 96KB FLASH 64LFQFP
Datasheets:	 M30291FAHP#U5A.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4758 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M30291FAHP#U5A

PART NUMBER	M30291FAHP#U5A
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 96KB FLASH 64LFQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4758 pcs
DATA SHEET	 M30291FAHP#U5A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	64-LFQFP (10x10)
SPEED	20MHz
SERIES	M16C™ M16C/Tiny/29
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	96KB (96K x 8)
PERIPHERALS	DMA, POR, PWM, Voltage Detect, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	M30291FAHP#U5 M30291FAHP#U5-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-20°C ~ 85°C (TA)
NUMBER OF I/O	55
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/29 Microcontroller IC 16-Bit 20MHz 96KB (96K x 8) FLASH 64-LFQFP (10x10)
DATA CONVERTERS	A/D 16x10b
CORE SIZE	16-Bit
CORE PROCESSOR	M16C/60
CONNECTIVITY	CANbus, I²C, IEBus, SIO, UART/USART
BASE PART NUMBER	M30291

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