



Renesas Electronics America



UPD78F0590MC-CAB-AX

Part Number:	UPD78F0590MC-CAB-AX
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 8BIT 16KB FLASH 30LSSOP
Datasheets:	
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 UPD78F0590MC-CAB-AX

PART NUMBER	UPD78F0590MC-CAB-AX
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 8BIT 16KB FLASH 30LSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SPEED	20MHz
SERIES	78K0/Kx2-A
RAM SIZE	1K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	30-LSSOP (0.240", 6.10mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	22
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	78K/0 78K0/Kx2-A Microcontroller IC 8-Bit 20MHz 16KB (16K x 8) FLASH
DATA CONVERTERS	A/D 10x12b
CORE SIZE	8-Bit
CORE PROCESSOR	78K/0
CONNECTIVITY	3-Wire SIO, I ² C, LINbus, UART/USART
BASE PART NUMBER	UPD78F0590

Related Tags

Renesas Electronics America UPD78F0590MC-CAB-AX	UPD78F0590MC-CAB-AX Distributor	UPD78F0590MC-CAB-AX Supplier
UPD78F0590MC-CAB-AX Price	UPD78F0590MC-CAB-AX Pictures	UPD78F0590MC-CAB-AX Image
UPD78F0590MC-CAB-AX PDF Datasheet	UPD78F0590MC-CAB-AX Download Datasheet	UPD78F0590MC-CAB-AX Datasheet
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Renesas Electronics America UPD78F0590MC-CAB-AX	Renesas Electronics America Supplier	Renesas Electronics America Distributor
Renesas Electronics America UPD78F0590MC-CAB-AX	Renesas Technology Corp UPD78F0590MC-CAB-AX	Renesas UPD78F0590MC-CAB-AX

Related Products

 UPD78F0701YGC-GAD-DE-AX Manufacturers: Renesas Electronics America Description: IC MCU In stock: Out stock RFQ	 UPD78F0588GA-GAM-AX Manufacturers: Renesas Electronics America Description: IC MCU 8BIT 32KB FLASH 48LQFP In stock: Out stock RFQ
 UPD78F0591MC-CAB-AX Manufacturers: Renesas Electronics America Description: IC MCU 8BIT 32KB FLASH 30LSSOP In stock: Out stock RFQ	 UPD78F0586GB-GAF-AX Manufacturers: Renesas Electronics America Description: IC MCU 8BIT 8KB FLASH 44LQFP In stock: Out stock RFQ
 UPD78F0587GB-GAF-AX Manufacturers: Renesas Electronics America Description: IC MCU 8BIT 16KB FLASH 44LQFP In stock: Out stock RFQ	 UPD78F0586GA-GAM-AX Manufacturers: Renesas Electronics America Description: IC MCU 8BIT 8KB FLASH 48LQFP In stock: Out stock RFQ
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 UPD78F0592GA-GAM-AX Manufacturers: Renesas Electronics America Description: IC MCU 8BIT 16KB FLASH 48LFQFP In stock: Out stock RFQ	 UPD78F0701YGC-GAD-E3-DE-AX Manufacturers: Renesas Electronics America Description: IC MCU In stock: Out stock RFQ
 UPD78F0587GA-GAM-AX Manufacturers: Renesas Electronics America Description: IC MCU 8BIT 16KB FLASH 48LQFP In stock: Out stock RFQ	 UPD78F0593GA-GAM-AX Manufacturers: Renesas Electronics America Description: IC MCU 8BIT 32KB FLASH 48LFQFP In stock: Out stock RFQ