



Renesas Electronics America



Image may be representation. See specifications for product details.

UPD78F1002GA-HAA-AX

Part Number:	UPD78F1002GA-HAA-AX
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 16BIT 48KB FLASH 48TQFP
Datasheets:	 UPD78F1002GA-HAA-AX.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of UPD78F1002GA-HAA-AX

PART NUMBER	UPD78F1002GA-HAA-AX
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 48KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 UPD78F1002GA-HAA-AX.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SPEED	20MHz
SERIES	78K0R/Kx3-L
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	48KB (48K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	36
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	78K/0R 78K0R/Kx3-L Microcontroller IC 16-Bit 20MHz 48KB (48K x 8) FLASH
DATA CONVERTERS	A/D 10x10b
CORE SIZE	16-Bit
CORE PROCESSOR	78K/0R
CONNECTIVITY	3-Wire SIO, I ² C, LINbus, UART/USART

Related Tags

Renesas Electronics America UPD78F1002GA-HAA-AX	UPD78F1002GA-HAA-AX Distributor	UPD78F1002GA-HAA-AX Supplier
UPD78F1002GA-HAA-AX Price	UPD78F1002GA-HAA-AX Pictures	UPD78F1002GA-HAA-AX Image
UPD78F1002GA-HAA-AX PDF Datasheet	UPD78F1002GA-HAA-AX Download Datasheet	UPD78F1002GA-HAA-AX Datasheet
UPD78F1002GA-HAA-AX Stock	Buy UPD78F1002GA-HAA-AX	Buy Renesas Electronics America UPD78F1002GA-HAA-AX
Renesas Electronics America UPD78F1002GA-HAA-AX	Renesas Electronics America Supplier	Renesas Electronics America Distributor
Renesas Electronics America UPD78F1002GA-HAA-AX	Renesas Technology Corp UPD78F1002GA-HAA-AX	Renesas UPD78F1002GA-HAA-AX

Related Products

 UPD78F1006GB-GAG-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 64KB FLASH 52LQFP In stock: Out stock RFQ	 UPD78F1001GB-GAF-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 32KB FLASH 44LQFP In stock: Out stock RFQ
 UPD78F0871GB(A)-GAF-E3-AX Manufacturers: Renesas Electronics America Description: IC MCU In stock: Out stock RFQ	 UPD78F1000GB-GAF-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 16KB FLASH 44LQFP In stock: Out stock RFQ
 UPD78F1001GA-HAA-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 32KB FLASH 48TQFP In stock: Out stock RFQ	 UPD78F1003GB-GAF-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 64KB FLASH 44LQFP In stock: Out stock RFQ
 UPD78F0873GB(A)-GAF-AX Manufacturers: Renesas Electronics America Description: IC MCU In stock: Out stock RFQ	 UPD78F1005GB-GAG-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 48KB FLASH 52LQFP In stock: Out stock RFQ
 UPD78F1002GB-GAF-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 48KB FLASH 44LQFP In stock: Out stock RFQ	 UPD78F1003GA-HAA-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 64KB FLASH 48TQFP In stock: Out stock RFQ
 UPD78F1004GB-GAG-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 32KB FLASH 52LQFP In stock: Out stock RFQ	 UPD78F0884GA(A2)-GAM-AX Manufacturers: Renesas Electronics America Description: IC MCU 8BIT 32KB FLASH 48LFQFP In stock: Out stock RFQ