

Image may be representation.
See specifications for product details.

UPD78F9212MA-FAA-AX

Manufacturer Part Number	UPD78F9212MA-FAA-AX
Manufacturer	Renesas Electronics Corporation
Allelco Part Number	32D-UPD78F9212MA-FAA-AX
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 4KB FLASH 16SSOP
Package	16-SSOP (0.173", 4.40mm Width)
Data sheet	UPD78F9212MA-FAA-AX.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



UPD78F9212MA-FAA-AX - Renesas Electronics America Inc. New Original in Stock. Download Linear Technology UPD78F9212MA-FAA-AX datasheet/specifications on AllelcoElec.com.
Request a quote for UPD78F9212MA-FAA-AX, please send us email: info@allelco.com

Specifications

UPD78F9212MA-FAA-AX Tech Specifications
UPD78F9212MA-FAA-AX - Renesas Electronics America Inc technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Renesas Electronics Corporation	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Speed	10MHz	Number of I/O	14
Series	78K0S/Kx1+	Mounting Type	Surface Mount
RAM Size	128 x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 4x10b
Program Memory Size	4KB (4K x 8)	Core Size	8-Bit
Peripherals	LVD, POR, PWM, WDT	Core Processor	78K0S
Package / Case	16-SSOP (0.173", 4.40mm Width)	Connectivity	-
Package	Tray	Base Product Number	UPD78F9212

Parts with Similar Specifications

The three parts on the right have similar specifications to Renesas Electronics America Inc UPD78F9212MA-FAA-AX

Product Attribute				
Part Number	UPD78F9212MA-FAA-AX	UPD78F9221MC-5A4-A	UPD78F9212FH-2A2-E1-A	UPD78F9212CS-CAB-SSA-A
Manufacturer	Renesas Electronics America Inc	Renesas Electronics America Inc	Renesas Electronics America Inc	NEC
Connectivity	-	LINbus, UART/USART	-	-
Oscillator Type	Internal	Internal	-	-
Data Converters	A/D 4x10b	A/D 4x10b	-	-
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	-	-
Core Size	8-Bit	8-Bit	-	-
Program Memory Type	FLASH	FLASH	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-	-
Series	78K0S/Kx1+	78K0S/Kx1+	-	-
Program Memory Size	4KB (4K x 8)	2KB (2K x 8)	-	-
Base Product Number	UPD78F9212	UPD78F9221	UPD78F9212	-
EEPROM Size	-	-	-	-
Core Processor	78K0S	78K0S	-	-
Package	Tray	Tray	Tray	-
Number of I/O	14	15	-	-
Speed	10MHz	10MHz	-	-
Package / Case	16-SSOP (0.173", 4.40mm Width)	20-LSSOP (0.240", 6.10mm Width)	-	-
Mounting Type	Surface Mount	Surface Mount	-	-
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	2V ~ 5.5V	-	-
RAM Size	128 x 8	128 x 8	-	-

UPD78F9212MA-FAA-AX Datasheet PDF

Download UPD78F9212MA-FAA-AX pdf datasheets and Renesas Electronics America Inc documentation for UPD78F9212MA-FAA-AX - Renesas Electronics America Inc.

PCN Packaging



















Label Change-All Devices 01/Dec/2022.pdf

PCN Obsolescence/ EOL

Mult Devices EOL 15/Jun/2018.pdf

Customers Also Interested in

Recommended Products

 NO PICTURE			 NO PICTURE	 NO PICTURE	 NO PICTURE
UPD78F9212CS-CAB-SSA-A NEC	UPD78F9212GR-JJG-A Renesas Electronics Corporation	UPD78F9211MA-FAA-E1-AX Renesas Electronics Corporation	UPD78F9212CS-CAB-A/JC NEC	UPD78F9211GR(A)-JJG NEC	UPD78F9221MC NEC
	 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE	
UPD78F9221MC-5A4-A Renesas Electronics America Inc IC MCU 8BIT 2KB FLASH 20SSOP	UPD78F9222CS-CAC-SSA-A NEC	UPD78F9222MC(T)-5A4 NEC	UPD78F9211MA-FAA-E1 NEC	UPD78F9212GR NEC	UPD78F9212MA-FAA-E1-AX Renesas Electronics Corporation
	 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE
UPD78F9212FH-2A2-E1-A Renesas Electronics America Inc IC MCU	UPD78F9222MC-5A4 NEC	UPD78F9222ES NEC	UPD78F9212GR(T)-JJG NEC	UPD78F9221MC-5A4 NEC	UPD78F9222MC NEC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.
(Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

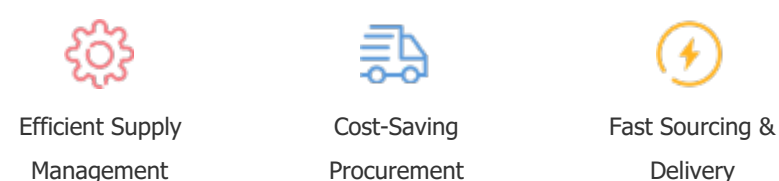
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

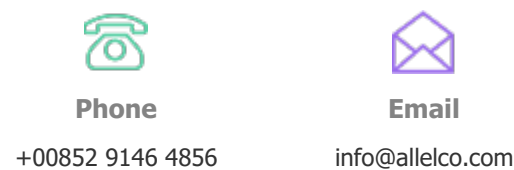
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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