

**UPD78F9221MC-5A4-A Information**


For Reference Only

**Part Number** [UPD78F9221MC-5A4-A](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 2KB FLASH 20SSOP  
**Package** 20-LSSOP (0.240", 6.10mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**UPD78F9221MC-5A4-A Specifications**

Manufacturer Part Number	<a href="#">UPD78F9221MC-5A4-A</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	20-LSSOP (0.240", 6.10mm Width)
Series	78K0S/Kx1+
Core Processor	78K0S
Core Size	8-Bit
Speed	10MHz
Connectivity	LIN, UART/USART
Peripherals	LVD, POR, PWM, WDT
Number of I/O	15
Program Memory Size	2KB (2K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	128 x 8
Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
Data Converters	A/D 4x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	20-LSSOP (0.240", 6.10mm Width)
Supplier Device Package	-

[Report errors?](#)

## UPD78F9221MC-5A4-A Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## UPD78F9221MC-5A4-A Payment Methods



## UPD78F9221MC-5A4-A Shipping Methods



If you have any question about UPD78F9221MC-5A4-A, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)