

UPD78F1144AF1-AN1-A Information


For Reference Only

Part Number [UPD78F1144AF1-AN1-A](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 128KB FLASH 64BGA
Package 64-VFBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


UPD78F1144AF1-AN1-A Specifications

Manufacturer Part Number	UPD78F1144AF1-AN1-A
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	64-VFBGA
Series	78K0R/Kx3
Core Processor	78K/0R
Core Size	16-Bit
Speed	20MHz
Connectivity	3-Wire SIO, I2C, LIN, UART/USART
Peripherals	DMA, LVD, POR, PWM, WDT
Number of I/O	50
Program Memory Size	128KB (128K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	8K x 8
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Data Converters	A/D 8x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	64-VFBGA
Supplier Device Package	-

[Report errors?](#)

UPD78F1144AF1-AN1-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.

UPD78F1144AF1-AN1-A Payment Methods



UPD78F1144AF1-AN1-A Shipping Methods



If you have any question about UPD78F1144AF1-AN1-A, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com