

UPD70F3233M2GK(A1)-GAK-QS-AX Information



For Reference Only

Part Number [UPD70F3233M2GK\(A1\)-GAK-QS-AX](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU SMD
Package 80-TQFP
 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.



UPD70F3233M2GK(A1)-GAK-QS-AX Specifications

Manufacturer Part Number	UPD70F3233M2GK(A1)-GAK-QS-AX
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	80-TQFP
Series	V850ES/Fx2
Core Processor	V850ES
Core Size	32-Bit
Speed	20MHz
Connectivity	CANbus, CSI, I ² C, UART/USART
Peripherals	LVD, PWM, WDT
Number of I/O	67
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	12K x 8
Voltage - Supply (Vcc/Vdd)	3.5V ~ 5.5V
Data Converters	A/D 12x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 110°C (TA)
Mounting Type	Surface Mount
Package / Case	80-TQFP
Supplier Device Package	80-TFQFP (12x12)

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UPD70F3233M2GK(A1)-GAK-QS-AX 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.

UPD70F3233M2GK(A1)-GAK-QS-AX Payment Methods



UPD70F3233M2GK(A1)-GAK-QS-AX Shipping Methods



If you have any question about UPD70F3233M2GK(A1)-GAK-QS-AX, please do not hesitate to contact us!

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