

**UPD70F3461GJ(A1)-GAE-QS-AX Information**


For Reference Only

**Part Number** [UPD70F3461GJ\(A1\)-GAE-QS-AX](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU SMD  
**Package** 144-LQFP  
 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.


**UPD70F3461GJ(A1)-GAE-QS-AX Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">UPD70F3461GJ(A1)-GAE-QS-AX</a>                               |
| Manufacturer               | Renesas Electronics America  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 144-LQFP   |
| Series                     | V850E/CAG4-M   |
| Core Processor             | V850   |
| Core Size                  | 32-Bit   |
| Speed                      | 80MHz  |
| Connectivity               | CANbus, CSI, FlexRay, I <sup>2</sup> C, LINbus, UART/USART               |
| Peripherals                | DMA, Motor Control PWM, PWM, WDT   |
| Number of I/O              | 105  |
| Program Memory Size        | 512KB (512K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 60K x 8  |
| Voltage - Supply (Vcc/Vdd) | 3V ~ 3.6V  |
| Data Converters            | A/D 10x10b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 105°C (TA)   |
| Mounting Type              | Surface Mount  |
| Package / Case             | 144-LQFP   |
| Supplier Device Package    | 144-LFQFP (20x20)  |

[Report errors?](#)

## UPD70F3461GJ(A1)-GAE-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.

## UPD70F3461GJ(A1)-GAE-QS-AX Payment Methods



## UPD70F3461GJ(A1)-GAE-QS-AX Shipping Methods



If you have any question about UPD70F3461GJ(A1)-GAE-QS-AX, please do not hesitate to contact us!

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