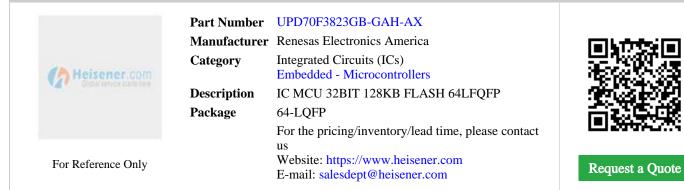


### UPD70F3823GB-GAH-AX Information



## **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.



### UPD70F3823GB-GAH-AX Specifications

| Manufacturer Part Number   | UPD70F3823GB-GAH-AX                     |
|----------------------------|---|
| Manufacturer               | Renesas Electronics America             |
| Category                   | Integrated Circuits (ICs)               |
|                            | Embedded - Microcontrollers             |
| Package                    | 64-LQFP                                 |
| Series                     | V850ES/Jx3-H                            |
| Core Processor             | V850ES                                  |
| Core Size                  | 32-Bit                                  |
| Speed                      | 48MHz                                   |
| Connectivity               | CAN, CSI, EBI/EMI, I2C, UART/USART, USB |
| Peripherals                | DMA, LVD, PWM, WDT                      |
| Number of I/O              | 45                                      |
| Program Memory Size        | 128KB (128K x 8)                        |
| Program Memory Type        | FLASH                                   |
| EEPROM Size                | -                                       |
| RAM Size                   | 24K x 8                                 |
| Voltage - Supply (Vcc/Vdd) | 2.85 V ~ 3.6 V                          |
| Data Converters            | A/D 10x10b; D/A 1x8b                    |
| Oscillator Type            | Internal                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                       |
| Mounting Type              | -                                       |
| Package / Case             | 64-LQFP                                 |
| Supplier Device Package    | -                                       |
|                            | Report errors?                          |

### UPD70F3823GB-GAH-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.

# UPD70F3823GB-GAH-AX Payment Methods



If you have any question about UPD70F3823GB-GAH-AX, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com