

**UPD70F3017AYF1-EA6-A Information**


For Reference Only

**Part Number** [UPD70F3017AYF1-EA6-A](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU SMD  
**Package** 121-LFBGA  
 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.


**UPD70F3017AYF1-EA6-A Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">UPD70F3017AYF1-EA6-A</a>                                     |
| Manufacturer               | Renesas Electronics America  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 121-LFBGA  |
| Series                     | V850/Sx1   |
| Core Processor             | V850   |
| Core Size                  | 32-Bit   |
| Speed                      | 20MHz  |
| Connectivity               | CSI, EBI/EMI, I <sup>2</sup> C, UART/USART                               |
| Peripherals                | DMA, PWM, WDT  |
| Number of I/O              | 72   |
| Program Memory Size        | 256KB (256K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 8K x 8   |
| Voltage - Supply (Vcc/Vdd) | 2.7V ~ 3.6V  |
| Data Converters            | A/D 12x10b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | Surface Mount  |
| Package / Case             | 121-LFBGA  |
| Supplier Device Package    | 121-FBGA (12x12)   |

[Report errors?](#)

## UPD70F3017AYF1-EA6-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.

## UPD70F3017AYF1-EA6-A Payment Methods



## UPD70F3017AYF1-EA6-A Shipping Methods



If you have any question about UPD70F3017AYF1-EA6-A, please do not hesitate to contact us!

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

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