

IC MCU 8BIT 288KB FLASH 80LQFP

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|---------------|---|
| Manufacturers | STMicroelectronics, Inc |
| Package/Case | TQFP-80 |
| Product Type | Programmable Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for UPSD3234A-40U6 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

UPSD3234A-40U6 is a microcontroller manufactured by STMicroelectronics. It is a member of the UPSD32xx family, which is a series of high-performance, low-power 8051-compatible microcontrollers with embedded flash memory.

Features

- 32-bit RISC CPU with 8051 instruction set compatibility
- 34K bytes of embedded flash memory
- 2K bytes of SRAM
- 4-channel 10-bit ADC
- 2-channel PWM outputs
- 3-channel general-purpose timer
- Multiple communication interfaces (UART, SPI, I2C)
- Power-saving modes for low power consumption
- Operating voltage range of 2.4V to 3.6V
- Operating temperature range of -40°C to +85°C

Application

- Industrial control systems
- Data acquisition systems
- Motor control systems
- Home automation systems
- Smart sensors and instrumentation
- Communication equipment
- Automotive systems



Related Products



[UPSD3254A-40U6](#)

STMicroelectronics, Inc
TQFP-80



[PSD834F2-90J](#)

STMicroelectronics, Inc
PLCC-52



[STM32F103RBT7](#)

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LQFP-64



[STM32F102C8T6](#)

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