

UPSD3234A-40U6

Data Sheet

IC MCU 8BIT 288KB FLASH 80LQFP

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



Images are for reference only

General Description

UPSD3234A-40U6 is a microcontroller manufactured by STMicroelectronics. It is a member of the UPSD32xx family, which is a series of highperformance, 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 $+85^{\circ}$ C

Application

Industrial control systems

Data acquisition systems

Motor control systems

Home automation systems

Smart sensors and instrumentation

Communication equipment

Automotive systems



Ovaga Technologies Limited

Related Products



UPSD3254A-40U6 STMicroelectronics, Inc TQFP-80



STMicroelectronics, Inc PLCC-52

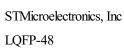
PSD834F2-90J



STM32F103RBT7 STMicroelectronics, Inc LOFP-64



LQFP-64 <u>STM32F102C8T6</u>











PSD813F2A-90MI

STMicroelectronics, Inc PQFP-52

STM32F100RCT6TR

STMicroelectronics, Inc 64-LQFP

STM32F103RCT7

STMicroelectronics, Inc LQFP-64

STR752FR2T6

STMicroelectronics, Inc 64-LQFP