



Image may be representation.  
See specifications for product details.



## UPSD3354D-40U6

Manufacturer Part Number	<b>UPSD3354D-40U6</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-UPSD3354D-40U6
ECAD Model	PCB Footprint and Symbol
Parts Description	IC MCU 8BIT 288KB FLASH 80LQFP
Package	80-LQFP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

UPSD3354D-40U6 - STMicroelectronics.New Original in Stock. Download Linear Technology UPSD3354D-40U6 datasheet/specifications on AllelcoElec.com.  
Request a quote for UPSD3354D-40U6, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

UPSD3354D-40U6 Tech Specifications  
UPSD3354D-40U6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	4.5V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Speed	40MHz	Number of I/O	45
Series	µPSD	Mounting Type	Surface Mount
RAM Size	32K x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 8x10b
Program Memory Size	288KB (288K x 8)	Core Size	8-Bit
Peripherals	LVD, POR, PWM, WDT	Core Processor	8032
Package / Case	80-LQFP	Connectivity	I <sup>2</sup> C, IrDA, SPI, UART/USART
Package	Tray	Base Product Number	UPSD33

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics UPSD3354D-40U6

Product Attribute				
Part Number	UPSD3354D-40U6	UPSD3354DV-40U6	UPSD3254BV-24U6	UPSD3333D-40T6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Core Processor	8032	8032	8032	8032
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 8x10b	A/D 8x10b	A/D 4x8b	A/D 8x10b
Number of I/O	45	45	46	36
Series	µPSD	µPSD	µPSD	µPSD
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Package / Case	80-LQFP	80-LQFP	80-LQFP	52-TQFP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	40MHz	40MHz	24MHz	40MHz
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Size	288KB (288K x 8)	288KB (288K x 8)	288KB (288K x 8)	160KB (160K x 8)
EEPROM Size	-	-	-	-
Voltage - Supply (Vcc/Vdd)	4.5V ~ 5.5V	3V ~ 3.6V	3V ~ 3.6V	4.5V ~ 5.5V
Package	Tray	Tray	Tray	Tray
Connectivity	I <sup>2</sup> C, IrDA, SPI, UART/USART	I <sup>2</sup> C, IrDA, SPI, UART/USART	I <sup>2</sup> C, UART/USART	I <sup>2</sup> C, IrDA, SPI, UART/USART
RAM Size	32K x 8	32K x 8	32K x 8	8K x 8
Base Product Number	UPSD33	UPSD33	UPSD32	UPSD33
Core Size	8-Bit	8-Bit	8-Bit	8-Bit

### UPSD3354D-40U6 Datasheet PDF

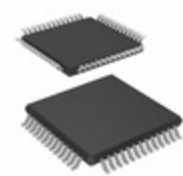
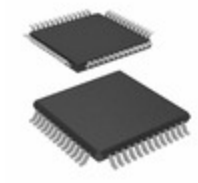
Download UPSD3354D-40U6 pdf datasheets and STMicroelectronics documentation for UPSD3354D-40U6 - STMicroelectronics.

#### Datasheets

Cylindrical Battery Holders.pdf

### Customers Also Interested in

#### Recommended Products

**UPSD3354DV-40U6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 80LQFP**UPSD3254BV-24U6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 80LQFP**UPSD3333D-40T6**STMicroelectronics  
IC MCU 8BIT 160KB FLASH 52TQFP**UPSD3334DV-40U6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 80LQFP**UPSD3434E-40U6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 80LQFP**UPSD3333DV-40U6**STMicroelectronics  
IC MCU 8BIT 160KB FLASH 80LQFP**UPSD3434EVB40T6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 52LQFP**UPSD3312DV-40T6**STMicroelectronics  
IC MCU 8BIT 80KB FLASH 52TQFP**UPSD3254A-40T6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 52LQFP**UPSD3254A-40U6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 80LQFP**UPSD3333DV-40T6**STMicroelectronics  
IC MCU 8BIT 160KB FLASH 52TQFP**UPSD3234A-40U6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 80LQFP**UPSD3334D-40U6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 80LQFP**UPSD3434EB40U6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 80LQFP**UPSD3234BV-24U6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 80LQFP**UPSD3251F-40T6**

STMicroelectronics

**UPSD3434EB40T6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 52LQFP**UPSD3234A-40T6**STMicroelectronics  
IC MCU 8BIT 288KB FLASH 52LQFP

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

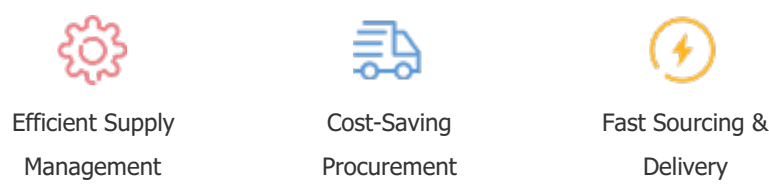
Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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