

Image may be representation.
See specifications for product details.



25AA256-I/P

Manufacturer Part Number	25AA256-I/P
Manufacturer	Microchip Technology
Allelco Part Number	32D-25AA256-I/P
ECAD Model	PCB Footprint and Symbol
Parts Description	IC EEPROM 256KBIT SPI 10MHZ 8DIP
Package	8-DIP (0.300", 7.62mm)
Data sheet	25AA256, 25LC256.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

25AA256-I/P - Microchip Technology. New Original in Stock. Download Linear Technology 25AA256-I/P datasheet/specifications on AllelcoElec.com.
Request a quote for 25AA256-I/P, please send us email: info@allelco.com

Specifications

25AA256-I/P Tech Specifications

25AA256-I/P - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Through Hole
Write Cycle Time - Word, Page	5ms	Memory Type	Non-Volatile
Voltage - Supply	1.8V ~ 5.5V	Memory Size	256Kbit
Technology	EEPROM	Memory Organization	32K x 8
Supplier Device Package	8-PDIP	Memory Interface	SPI
Series	-	Memory Format	EEPROM
Package / Case	8-DIP (0.300", 7.62mm)	Clock Frequency	10 MHz
Package	Tube	Base Product Number	25AA256
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 25AA256-I/P

Product Attribute				
Part Number	25AA256-I/P	25AA256-I/ST	25AA256T-I/SM	25AA256T-I/ST
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	8-DIP (0.300", 7.62mm)	8-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.209", 5.30mm Width)	8-TSSOP (0.173", 4.40mm Width)
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Clock Frequency	10 MHz	10 MHz	10 MHz	10 MHz
Memory Interface	SPI	SPI	SPI	SPI
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-PDIP	8-TSSOP	8-SOIJ	8-TSSOP
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Series	-	-	-	-
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	25AA256	25AA256	25AA256	25AA256
Memory Organization	32K x 8	32K x 8	32K x 8	32K x 8
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Memory Size	256Kbit	256Kbit	256Kbit	256Kbit
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V

25AA256-I/P Datasheet PDF

Download 25AA256-I/P pdf datasheets and Microchip Technology documentation for 25AA256-I/P - Microchip Technology.

Datasheets

[25AA256, 25LC256.pdf](#)

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

PCN Assembly/Origin

[Mult Dev 13/Apr/2020.pdf](#)





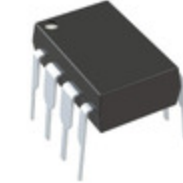





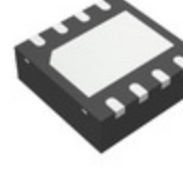





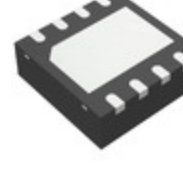

PCN Design/Specification

[25AA256/25LC256 23/Jul/2021.pdf](#)

[25AA256/25LC256 28/Aug/2019.pdf](#)

Customers Also Interested in

Recommended Products

					
25AA256-I/ST Microchip Technology IC EEPROM 256KBIT SPI 8TSSOP	25AA256T-I/SM Microchip Technology IC EEPROM 256KBIT SPI 8SOIJ	25AA256T-I/ST Microchip Technology IC EEPROM 256KBIT SPI 8TSSOP	25AA256T-I/SN Microchip Technology IC EEPROM 256KBIT SPI 8SOIC	25AA320-I/P Microchip Technology IC EEPROM 32KBIT SPI 1MHZ 8DIP	25AA256-I/SM Microchip Technology IC EEPROM 256KBIT SPI 8SOIJ
					
25AA256-E/SN Microchip Technology IC EEPROM 256KBIT SPI 8SOIC	25AA160AT-I/MS Microchip Technology IC EEPROM 16KBIT SPI 10MHZ 8MSOP	25AA160B-I/SN Microchip Technology IC EEPROM 16KBIT SPI 10MHZ 8SOIC	25AA160AT-I/ST Microchip Technology IC EEPROM 16KBIT SPI 8TSSOP	25AA256T-I/MF Microchip Technology IC EEPROM 256KBIT SPI 10MHZ 8DFN	25AA160C-I/SN Microchip Technology IC EEPROM 16KBIT SPI 10MHZ 8SOIC
					
25AA256-E/SM Microchip Technology IC EEPROM 256KBIT SPI 8SOIJ	25AA256-I/SN Microchip Technology IC EEPROM 256KBIT SPI 8SOIC	25AA256-I/SN Micrel / Microchip Technology	25AA160T-I/SN Microchip Technology IC EEPROM 16KBIT SPI 1MHZ 8SOIC	25AA256-I/MF Microchip Technology IC EEPROM 256KBIT SPI 10MHZ 8DFN	25AA160DT-I/MNY Microchip Technology IC EEPROM 16KBIT SPI 10MHZ 8TDFN

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

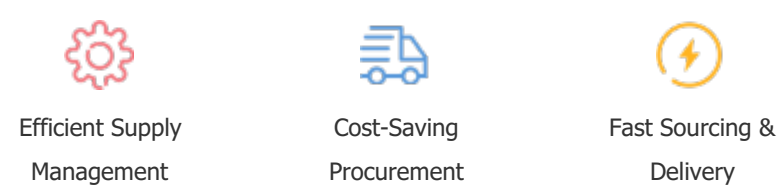
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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