



Image may be representation.
See specifications for product details.



24LC256-E/P

Manufacturer Part Number	24LC256-E/P
Manufacturer	Microchip Technology
Allelco Part Number	32D-24LC256-E/P
ECAD Model	 Request Free CAD Models
Parts Description	IC EEPROM 256KBIT I2C 8DIP
Package	8-DIP (0.300", 7.62mm)
Data sheet	24LC256-E/P.pdf
RoHs Status	 ROHS3 Compliant

Get a Quote

24LC256-E/P - Microchip Technology.New Original in Stock. Download Linear Technology 24LC256-E/P datasheet/specifications on AllelcoElec.com.
Request a quote for 24LC256-E/P, please send us email: info@allelco.com

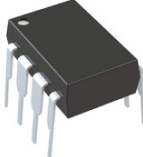



Specifications

24LC256-E/P Tech Specifications
24LC256-E/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	2.5V ~ 5.5V	Memory Size	256Kbit
Technology	EEPROM	Memory Organization	32K x 8
Supplier Device Package	8-PDIP	Memory Interface	I²C
Series	-	Memory Format	EEPROM
Package / Case	8-DIP (0.300", 7.62mm)	Clock Frequency	400 kHz
Package	Tube	Base Product Number	24LC256
Operating Temperature	-40°C ~ 125°C (TA)	Access Time	900 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 24LC256-E/P

Product Attribute				
Part Number	24LC256-E/P	24LC256-I/MS	24LC256-E/SN	24LC256-I/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Size	256Kbit	256Kbit	256Kbit	256Kbit
Access Time	900 ns	900 ns	900 ns	900 ns
Memory Organization	32K x 8	32K x 8	32K x 8	32K x 8
Package / Case	8-DIP (0.300", 7.62mm)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Package	Tube	Tube	Tube	Tube
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Base Product Number	24LC256	24LC256	24LC256	24LC256
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Supplier Device Package	8-PDIP	8-MSOP	8-SOIC	8-SOIC
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Series	-	-	-	-
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Memory Interface	I²C	I²C	I²C	I²C
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms

24LC256-E/P Datasheet PDF

Download 24LC256-E/P pdf datasheets and Microchip Technology documentation for 24LC256-E/P - Microchip Technology.

PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf



Packing Changes 10/Oct/2016.pdf

PCN Design/Specification



24AA256/24LC256/24FC256 25/Oct/2021.pdf



24AA256/24LC256/24FC256 28/Jul/2022.pdf

PCN Assembly/Origin



Fab Site 02/Aug/2022.pdf

Customers Also Interested in

Recommended Products



24LC211/P
Micrel / Microchip Technology



24LC256-I/MS
Microchip Technology
IC EEPROM 256KBIT I2C 8MSOP



24LC256-E/SN
Microchip Technology
IC EEPROM 256KBIT I2C 8SOIC



24LC256-I/SN
Microchip Technology
IC EEPROM 256KBIT I2C 8SOIC



24LC256-I/MF
Microchip Technology
IC EEPROM 256KBIT I2C 8DFN



24LC256-E/ST
Microchip Technology
IC EEPROM 256KBIT I2C 8TSSOP



24LC256-I/P
Microchip Technology
IC EEPROM 256KBIT I2C 8DIP



24LC21T/SN
Microchip Technology
IC EEPROM 1KBIT I2C 400KHZ 8SOIC



24LC256-I/ST
Microchip Technology
IC EEPROM 256KBIT I2C 8TSSOP



24LC22AT-I/SN
Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ 8SOIC



24LC256
Taiwan Semiconductor



24LC256-I/SM
Microchip Technology
IC EEPROM 256KBIT I2C 8SSOP



24LC256-/P
Micrel / Microchip Technology



24LC256-E/SM
Microchip Technology
IC EEPROM 256KBIT I2C 8SOIJ



24LC21T-I/SN
Microchip Technology
IC EEPROM 1KBIT I2C 400KHZ 8SOIC



24LC21AT/SN
Microchip Technology
IC EEPROM 1KBIT I2C 400KHZ 8SOIC



24LC21AT-I/SN
Microchip Technology
IC EEPROM 1KBIT I2C 400KHZ 8SOIC



24LC21B
AC Electronics

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 -



Efficient Supply Management




Cost-Saving Procurement




Fast Sourcing & Delivery

Contact us if you have any questions.



Phone
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



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