



Image may be representation.
See specifications for product details.



MC33978AEK

Manufacturer Part Number	MC33978AEK
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC33978AEK
ECAD Model	Request Free CAD Models
Parts Description	IC INTERFACE SPECIALIZED 32SOIC
Package	32-SSOP (0.295", 7.50mm Width) Exposed Pad
Data sheet	MC33978, MC34978.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC33978AEK - NXP USA Inc..New Original in Stock. Download Linear Technology MC33978AEK datasheet/specifications on AllelcoElec.com.
Request a quote for MC33978AEK, please send us email: info@allelco.com

Specifications

MC33978AEK Tech Specifications

MC33978AEK - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Package	Tube
Voltage - Supply	3V ~ 5.25V	Mounting Type	Surface Mount
Supplier Device Package	32-SOIC-EP	Interface	SPI
Series	-	Base Product Number	MC33978
Package / Case	32-SSOP (0.295", 7.50mm Width) Exposed Pad	Applications	Multiple Switch Detection

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC33978AEK

Product Attribute				
Part Number	MC33978AEK	MC33975TEK	MC33978AESR2	MC33972TEW
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount, Wettable Flank	Surface Mount
Voltage - Supply	3V ~ 5.25V	-	3V ~ 5.25V	3.1V ~ 5.25V
Applications	Multiple Switch Detection	Switch Monitoring	Multiple Switch Detection	Switch Monitoring
Package / Case	32-SSOP (0.295", 7.50mm Width) Exposed Pad	32-SSOP (0.295", 7.50mm Width) Exposed Pad	32-VFQFN Exposed Pad	32-BSSOP (0.295", 7.50mm Width)
Package	Tube	Tube	Tape & Reel (TR)	Tube
Series	-	-	-	-
Base Product Number	MC33978	MC33975	MC33978	MC339
Supplier Device Package	32-SOIC-EP	32-SSOP-EP	32-QFN-EP (5x5)	32-SOIC
Interface	SPI	SPI Serial	SPI	SPI Serial

MC33978AEK Datasheet PDF

Download MC33978AEK pdf datasheets and NXP USA Inc. documentation for MC33978AEK - NXP USA Inc..

Datasheets

[MC33978, MC34978.pdf](#)

PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

[Mult Dev Pkg Seal 15/Dec/2020.pdf](#)

Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

PCN Assembly/Origin

[Mult Dev A/T Site 28/Apr/2021.pdf](#)

PCN Design/Specification

[MC33978 Datasheet Rev 16/Jan/2021.pdf](#)

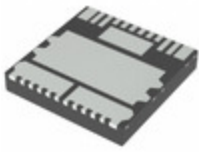
Errata

[MC3x978, PC33978 Errata.pdf](#)

Customers Also Interested in

Recommended Products



MC33981BHFK Freescale Semiconductor HIGH-SIDE SWITCH, 12V, SINGLE 4M	MC33975TEK NXP USA Inc. IC INTERFACE SPECIALIZED 32SOIC	MC33978AESR2 NXP USA Inc. IC INTERFACE SPECIALIZED 32QFN	MC33972TEW NXP USA Inc. IC INTERFACE SPECIALIZED 32SOIC	MC33972TDWB Freescale / NXP Semiconductors	MC33972TEWR2 NXP USA Inc. IC INTERFACE SPECIALIZED 32SOIC
					
MC33972TEW/R2 Freescale / NXP Semiconductors	MC33981BHFKR2 NXP USA Inc. IC PWR SWITCH N-CHAN 1:1 16QFN	MC33972GWSR2 Freescale / NXP Semiconductors	MC33975ATEK NXP USA Inc. IC INTERFACE SPECIALIZED 32SOIC	MC33978AEKR2 NXP USA Inc. IC INTERFACE SPECIALIZED 32SOIC	MC33978EK Freescale Semiconductor INTERFACE CIRCUIT
					
MC33975ATEKR2 NXP USA Inc. IC INTERFACE SPECIALIZED 32SOIC	MC33981BHFK NXP USA Inc. IC PWR SWITCH N-CHAN 1:1 16QFN	MC33981ABHFK NXP USA Inc. IC PWR SWITCH N-CHAN 1:1 16QFN	MC33978AES NXP USA Inc. IC INTERFACE SPECIALIZED 32QFN	MC33972EW NXP USA Inc. IC INTERFACE SPECIALIZED 32SOIC	MC33978EK NXP USA Inc. IC INTERFACE SPECIALIZED 32SOIC
					

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
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Certifications & Memberships



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