



Image may be representation.  
See specifications for product details.



## MCZ33879AEK

Manufacturer Part Number	<b>MCZ33879AEK</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MCZ33879AEK
ECAD Model	Request Free CAD Models
Parts Description	IC PWR SWITCH N-CHAN 1:8 32SOIC
Package	32-SSOP (0.295", 7.50mm Width) Exposed Pad
Data sheet	<b>MC33879.pdf</b> <b>MC33879.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MCZ33879AEK - NXP USA Inc..New Original in Stock. Download Linear Technology MCZ33879AEK datasheet/specifications on AllelcoElec.com.  
Request a quote for MCZ33879AEK, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCZ33879AEK Tech Specifications

MCZ33879AEK - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Output Configuration	High Side or Low Side
Voltage - Supply (Vcc/Vdd)	3.1V ~ 5.5V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	5.5V ~ 27.5V	Number of Outputs	8
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	32-SOIC-EP	Interface	SPI
Series	-	Input Type	-
Rds On (Typ)	750mOhm	Features	-
Ratio - Input:Output	1:8	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Voltage
Package / Case	32-SSOP (0.295", 7.50mm Width) Exposed Pad	Current - Output (Max)	600mA
Package	Tube	Base Product Number	MCZ33879
Output Type	N-Channel		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MCZ33879AEK

Product Attribute				
Part Number	MCZ33879AEK	MCZ33880EG	MCZ33879EKR2	MCZ33879EK
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Current - Output (Max)	600mA	800mA	600mA	600mA
Series	-	-	-	-
Supplier Device Package	32-SOIC-EP	28-SOIC	32-SOIC-EP	32-SOIC-EP
Base Product Number	MCZ33879	MCZ33880	MCZ33879	MCZ33879
Output Configuration	High Side or Low Side	High Side or Low Side	High Side or Low Side	High Side or Low Side
Package	Tube	Tube	Tape & Reel (TR)	Tube
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Voltage
Ratio - Input:Output	1:8	1:8	1:8	1:8
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Voltage - Supply (Vcc/Vdd)	3.1V ~ 5.5V	4.75V ~ 5.25V	3.1V ~ 5.5V	3.1V ~ 5.5V
Features	-	-	-	-
Number of Outputs	8	8	8	8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Load	5.5V ~ 27.5V	5.5V ~ 24.5V	5.5V ~ 26.5V	5.5V ~ 26.5V
Rds On (Typ)	750mOhm	550mOhm	750mOhm	750mOhm
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Input Type	-	-	-	-
Package / Case	32-SSOP (0.295", 7.50mm Width) Exposed Pad	28-SOIC (0.295", 7.50mm Width)	32-SSOP (0.295", 7.50mm Width) Exposed Pad	32-SSOP (0.295", 7.50mm Width) Exposed Pad
Interface	SPI	SPI	SPI	SPI

### MCZ33879AEK Datasheet PDF

Download MCZ33879AEK pdf datasheets and NXP USA Inc. documentation for MCZ33879AEK - NXP USA Inc..

#### Datasheets

MC33879.pdf

#### PCN Packaging

All Dev Label Update 15/Dec/2020.pdf

## Environmental Information

NXP USA Inc REACH.pdf

NXP USA Inc RoHS Cert.pdf

## HTML Datasheet

MC33879.pdf

## Customers Also Interested in

### Recommended Products

 <b>MC33880EG</b> NXP USA Inc. IC PWR SWITCH N-CHAN 1:8 28SOIC	 <b>MC33810EKR2</b> NXP USA Inc. IC DVR 8-CH ENGINE CTRL 32-SOIC	 <b>MC33812EK</b> NXP USA Inc. IC DVR IGNITION/INJECTOR 32-SOIC	 <b>MC33883EG</b> NXP USA Inc. IC GATE DRVR HALF-BRIDGE 20SOIC	 <b>MC33812EK</b> Freescale Semiconductor BUFFER/INVERTER BASED PERIPHERAL	 <b>MC33879EKR2</b> NXP USA Inc. IC PWR SWITCH N-CHAN 1:8 32SOIC
 <b>MC33810EK</b> NXP USA Inc. IC IGNITION INJECTOR 32-SOIC	 <b>MC33879EK</b> NXP USA Inc. IC PWR SWITCH N-CHAN 1:8 32SOIC	 <b>MC33880EWR2</b> NXP USA Inc. IC PWR SWITCH N-CHAN 1:8 32SOIC	 <b>MC33800EKR2</b> NXP USA Inc. IC ENGINE CTRL SW/DVR 54-SOIC	 <b>MC33811EGR2</b> Freescale Semiconductor INTERFACE CIRCUIT, PDSO16	 <b>MC33811EGR2</b> NXP USA Inc. IC SOLENOID MON 5-CH 16-SOIC
 <b>MC33879AEKR2</b> NXP USA Inc. IC PWR SWITCH N-CHAN 1:8 32SOIC	 <b>MC33883EGR2</b> NXP USA Inc. IC GATE DRVR HALF-BRIDGE 20SOIC	 <b>MC33880EW</b> NXP USA Inc. IC PWR SWITCH N-CHAN 1:8 32SOIC	 <b>MC33800EK</b> NXP USA Inc. IC ENGINE CTRL SW/DVR 54-SOIC	 <b>MC33797EKR2</b> NXP USA Inc. IC INTERFACE SPECIALIZED 32SOIC	 <b>MC33811EG</b> Freescale / NXP Semiconductors

## 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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