

Image may be representation.  
See specifications for product details.



## MC33813AE

Manufacturer Part Number	<b>MC33813AE</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MC33813AE
ECAD Model	Request Free CAD Models
Parts Description	IC CTRL SMALL ENG 1CYL 48LQFP
Package	48-LQFP Exposed Pad
Data sheet	MC33813AE.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MC33813AE - NXP USA Inc..New Original in Stock. Download Linear Technology MC33813AE datasheet/specifications on AllelcoElec.com.  
Request a quote for MC33813AE, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC33813AE Tech Specifications

MC33813AE - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Operating Temperature	-40°C ~ 125°C
Voltage - Supply	4.5V ~ 36V	Mounting Type	Surface Mount
Supplier Device Package	48-LQFP-EP (7x7)	Current - Supply	10mA
Series	-	Base Product Number	MC33813
Package / Case	48-LQFP Exposed Pad	Applications	Small Engine
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC33813AE

Product Attribute				
Part Number	MC33813AE	MC33813AER2	MC33814AE	MC33812EK
Manufacturer	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.
Current - Supply	10mA	10mA	10mA	10mA
Package	Tray	Tape & Reel (TR)	Bulk	Tube
Series	-	-	-	-
Package / Case	48-LQFP Exposed Pad	48-LQFP Exposed Pad	48-LQFP Exposed Pad	32-SSOP (0.295", 7.50mm Width) Exposed Pad
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Applications	Small Engine	Small Engine	Small Engine	Small Engine
Supplier Device Package	48-LQFP-EP (7x7)	48-LQFP-EP (7x7)	48-LQFP-EP (7x7)	32-SOIC-EP
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Base Product Number	MC33813	MC33813	MC33814	MC33812
Voltage - Supply	4.5V ~ 36V	4.5V ~ 36V	4.5V ~ 36V	4.7V ~ 36V

### MC33813AE Datasheet PDF

Download MC33813AE pdf datasheets and NXP USA Inc. documentation for MC33813AE - NXP USA Inc..

#### 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

- 2.73KHz.pdf

#### PCN Design/Specification

- Cylindrical Battery Holders.pdf

### Customers Also Interested in

#### Recommended Products



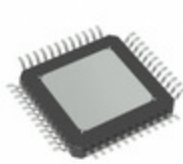
**MC33874BPNA**

NXP USA Inc.  
IC PWR SWITCH N-CHAN 1:1 24PQFN



**MC33797BPEW**

NXP USA Inc.  
IC INTERFACE SPECIALIZED 32SOIC



**MC33813AER2**

NXP USA Inc.  
IC CTRL SMALL ENG 1CYL 48LQFP



**MC33790HEG1**

Freescale / NXP Semiconductors



**MC33879APEK**

NXP USA Inc.  
IC PWR SWITCH N-CHAN 1:4 32SOIC



**MC33793DR2**

NXP USA Inc.  
IC DSI SLAVE FOR R-SENSE 16-SOIC

**MC33814AE**

Freescale Semiconductor  
ENGINE SOLENOID CTRLR, TWO  
CYLINDER,

**MC33790DW**

NXP USA Inc.  
IC DSI 2-CHAN INTERFACE 16-SOIC

**MC33812EK**

NXP USA Inc.  
IC DVR IGNITION/INJECTOR 32SOIC

**MC33794EK**

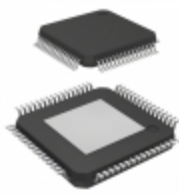
NXP USA Inc.  
IC SENSOR ELECTRIC FIELD 54SOIC

**MC33793DR2**

Freescale Semiconductor  
ANALOG CIRCUIT, 1 FUNC, PDSO16

**MC33816AER2**

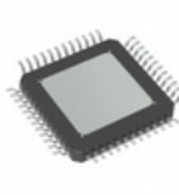
NXP USA Inc.  
PROGRAMMABLE SOLENOID  
CONTROLLER

**MC33816AE**

NXP USA Inc.  
IC SOLENOID CTRLR  
PROGRAMMABLE

**MC33816AE**

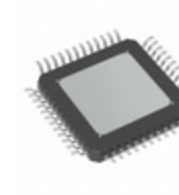
Freescale Semiconductor  
PROGRAMMABLE SOLENOID  
CONTROLLER

**MC33814AE**

NXP USA Inc.  
IC CTRL SMALL ENG 2CYL 48LQFP

**MC33790EG1**

Freescale / NXP Semiconductors

**MC33814AER2**

NXP USA Inc.  
IC CTRL SMALL ENG 2CYL 48LQFP

**MC33793D**

NXP USA Inc.  
IC DSI SLAVE FOR R-SENSE 16-SOIC

## 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



View More

### Contact us

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