

Image may be representation.  
See specifications for product details.



## MC33PF8100CCES

Manufacturer Part Number	<b>MC33PF8100CCES</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MC33PF8100CCES
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC POWER MANAGEMENT I.MX8QXP
Package	56-VFQFN Exposed Pad
Data sheet	<b>PF8100, PF8200.pdf</b>
	<b>Analog Products for Ind Market.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MC33PF8100CCES - NXP USA Inc..New Original in Stock. Download Linear Technology MC33PF8100CCES datasheet/specifications on AllelcoElec.com.  
Request a quote for MC33PF8100CCES, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC33PF8100CCES Tech Specifications  
MC33PF8100CCES - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Operating Temperature	-40°C ~ 105°C (TA)
Voltage - Supply	2.5V ~ 5.5V	Mounting Type	Surface Mount, Wettable Flank
Supplier Device Package	56-HVQFN (8x8)	Current - Supply	-
Series	-	Base Product Number	MC33PF8100
Package / Case	56-VFQFN Exposed Pad	Applications	High Performance i.MX 8, S32x Processor Based
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC33PF8100CCES

Product Attribute				
Part Number	MC33PF8100CCES	MC33PF8100EQESR2	MC33PT2001AE	MC33PF8100EPESR2
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)
Current - Supply	-	-	-	-
Package / Case	56-VFQFN Exposed Pad	56-VFQFN Exposed Pad	64-LQFP Exposed Pad	56-VFQFN Exposed Pad
Package	Tray	Tape & Reel (TR)	Tray	Tape & Reel (TR)
Supplier Device Package	56-HVQFN (8x8)	56-HVQFN (8x8)	64-HLQFP (10x10)	56-HVQFN (8x8)
Base Product Number	MC33PF8100	MC33PF8100	MC33PT2001	MC33PF8100
Mounting Type	Surface Mount, Wettable Flank	Surface Mount, Wettable Flank	Surface Mount	Surface Mount, Wettable Flank
Applications	High Performance i.MX 8, S32x Processor Based	High Performance i.MX 8, S32x Processor Based	Automotive, Solenoid Controller	High Performance i.MX 8, S32x Processor Based
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	0V ~ 72V	2.5V ~ 5.5V
Series	-	-	Automotive, AEC-Q100	-

### MC33PF8100CCES Datasheet PDF

Download MC33PF8100CCES pdf datasheets and NXP USA Inc. documentation for MC33PF8100CCES - NXP USA Inc..

#### Datasheets

[PF8100, PF8200.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

[Mult Dev DS Update 26/Feb/2021.pdf](#)

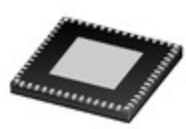
[PF8100\\_PF8200 17/Nov/2020.pdf](#)

#### HTML Datasheet

[Analog Products for Ind Market.pdf](#)

### Customers Also Interested in

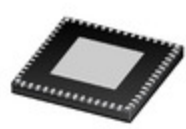
#### Recommended Products

**MC33PF8100EQESR2**

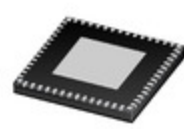
NXP USA Inc.  
POWER MANAGEMENT IC I.MX8 PRE-PR

**MC33PT2001AE**

NXP USA Inc.  
SOLENOID CONTROLLER 6 64LQFP

**MC33PF8100EPESR2**

NXP USA Inc.  
POWER MANAGEMENT IC I.MX8 PRE-PR

**MC33PF8200A0ES**

NXP USA Inc.  
IC POWER MANAGEMENT

**MC33MR2001RVKR2**

NXP USA Inc.  
IC RX 77GHZ RADAR AUTO 85VFBGA

**MC33MR2001VVK**

NXP USA Inc.  
VCO 77GHZ 6MM X 6MM

**MC33PF8100FJES**

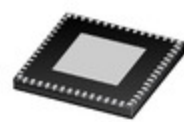
NXP USA Inc.  
POWER MANAGEMENT IC, I.MX8, PRE-

**MC33PF8200DEES**

NXP USA Inc.  
IC POWER MANAGEMENT I.MX8QXP

**MC33MR2001VVKR2**

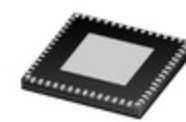
NXP USA Inc.  
VCO 77GHZ 6MM X 6MM

**MC33PF8100EPES**

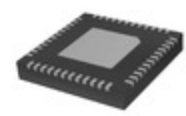
NXP USA Inc.  
IC POWER MANAGEMENT I.MX8QM

**MC33MR2001RVK**

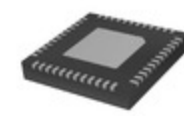
NXP USA Inc.  
IC TX 77GHZ RADAR AUTO 85VFBGA

**MC33PF8100A0ES**

NXP USA Inc.  
IC POWER MANAGEMENT

**MC33PF3000A7ESR2**

NXP USA Inc.  
POWER MANAGEMENT IC I.MX7 PRE-

**MC33PF3000A7ES**

NXP USA Inc.  
POWER MANAGEMENT IC I.MX7 PRE-

**MC33MR2001V2VKR2**

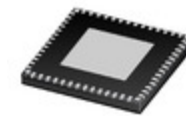
NXP USA Inc.  
IC VCO 77GHZ RADAR AUTO 89VFBGA

**MC33PF8100EQES**

NXP USA Inc.  
IC POWER MANAGEMENT I.MX8QM

**MC33MR2001TVK**

NXP USA Inc.  
IC TX 77GHZ RADAR AUTO 89VFBGA

**MC33PF8100EAES**

NXP USA Inc.  
IC POWER MANAGEMENT LS1046A

## 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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