

Image may be representation.  
See specifications for product details.



## MMPF0100NPAEP

Manufacturer Part Number	<b>MMPF0100NPAEP</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MMPF0100NPAEP
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG CONV I.MX6 12OUT 56HVQFN
Package	56-VFQFN Exposed Pad
Data sheet	<b>MMPF0100 Datasheet.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MMPF0100NPAEP - NXP USA Inc..New Original in Stock. Download Linear Technology MMPF0100NPAEP datasheet/specifications on AllelcoElec.com.  
Request a quote for MMPF0100NPAEP, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MMPF0100NPAEP Tech Specifications  
MMPF0100NPAEP - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Package	Tray
Voltage - Output	Multiple	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input	2.8V ~ 4.5V	Number of Outputs	12
Supplier Device Package	56-HVQFN (8x8)	Mounting Type	Surface Mount
Series	-	Base Product Number	MMPF0100
Package / Case	56-VFQFN Exposed Pad	Applications	Converter, i.MX6

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MMPF0100NPAEP

Product Attribute				
Part Number	MMPF0100NPAEP	<b>MMPF0100F9AZES</b>	<b>MMPF0100F8AZES</b>	<b>MMPF0100FAANES</b>
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Package / Case	56-VFQFN Exposed Pad	56-VFQFN Exposed Pad	56-VFQFN Exposed Pad	56-VFQFN Exposed Pad
Voltage - Input	2.8V ~ 4.5V	2.8V ~ 4.5V	2.8V ~ 4.5V	2.8V ~ 4.5V
Supplier Device Package	56-HVQFN (8x8)	56-QFN-EP (8x8)	56-QFN-EP (8x8)	56-QFN-EP (8x8)
Package	Tray	Tray	Tray	Tray
Number of Outputs	12	12	12	12
Applications	Converter, i.MX6	Converter, i.MX6	Converter, i.MX6	Converter, i.MX6
Mounting Type	Surface Mount	Surface Mount, Wettable Flank	Surface Mount, Wettable Flank	Surface Mount, Wettable Flank
Base Product Number	MMPF0100	MMPF0100	MMPF0100	MMPF0100
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Voltage - Output	Multiple	Multiple	Multiple	Multiple
Series	-	Automotive, AEC-Q100	Automotive, AEC-Q100	-

### MMPF0100NPAEP Datasheet PDF

Download MMPF0100NPAEP pdf datasheets and NXP USA Inc. documentation for MMPF0100NPAEP - NXP USA Inc..

#### Datasheets

[MMPF0100 Datasheet.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

[COO/Label 15-apr-2022.pdf](#)

#### PCN Design/Specification


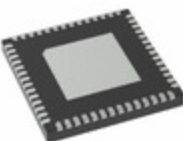


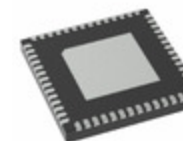
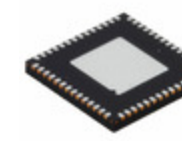
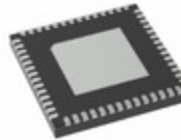
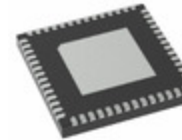
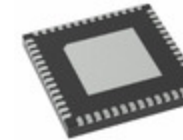
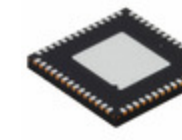
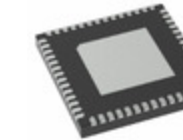
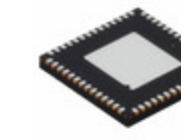
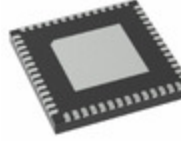
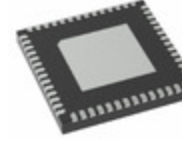
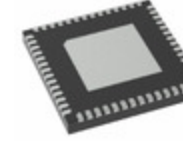



[MMPF0100x/MMPF0200x 27/May/2022.pdf](#)

#### Errata

[MMPF0100 Errata for Mask 1N47F, 1N18J.pdf](#)

### Customers Also Interested in

## Recommended Products

					
<b>MMPF0100NPAENS</b> Freescale / NXP Semiconductors	<b>MMPF0100F9AZES</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56QFN	<b>MMPF0100F8AZES</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56QFN	<b>MMPF0100FAANES</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56QFN	<b>MMPF0100F9ANES</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56QFN	<b>MMPF0100NPEP</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56HVQFN
					
<b>MMPF0100NPZES</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56QFN	<b>MMPF0100NPANES</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56QFN	<b>MMPF0100NPZESR2</b> Freescale Semiconductor POWER SUPPLY SUPPORT CIRCUIT, AD	<b>MMPF0100FCAEP</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56HVQFN	<b>MMPF0100FAAZES</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56QFN	<b>MMPF0100NPEPR2</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56HVQFN
					
<b>MMPF0100NPZESR2</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56QFN	<b>MMPF0100NPAZES</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56QFN	<b>MMPF0100FBANES</b> NXP USA Inc. IC REG CONV I.MX6 12OUT 56QFN	<b>MMPF0100FOAEP</b> NO PICTURE	<b>MMPF0100FOEP</b> Freescale / NXP Semiconductors	<b>MMPF0100NPZES</b> Freescale Semiconductor POWER SUPPLY CIRCUIT, ADJ

## 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.

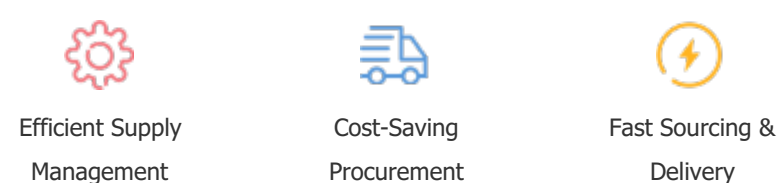
### Payment Support

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 -



Contact us if you have any questions.



### Certifications & Memberships



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