



Image may be representation.
See specifications for product details.



MPF7100BMBA0ES

| | |
|--------------------------|---------------------------------|
| Manufacturer Part Number | MPF7100BMBA0ES |
| Manufacturer | NXP Semiconductors |
| Allelco Part Number | 32D-MPF7100BMBA0ES |
| ECAD Model | PCB Symbol, Footprint & 3D Mode |
| Parts Description | PF7100 PMIC OTP |
| Package | 48-VFQFN Exposed Pad |
| Data sheet | MPF7100BMBA0ES.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

MPF7100BMBA0ES - NXP USA Inc..New Original in Stock. Download Linear Technology MPF7100BMBA0ES datasheet/specifications on AllelcoElec.com. Request a quote for MPF7100BMBA0ES, please send us email: info@allelco.com

Specifications

MPF7100BMBA0ES Tech Specifications

MPF7100BMBA0ES - NXP USA Inc. technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|----------------------|-----------------------|-------------------------------|
| Manufacturer | NXP Semiconductors | Operating Temperature | -40°C ~ 125°C (TA) |
| Voltage - Supply | 2.5V ~ 5.5V | Mounting Type | Surface Mount, Wettable Flank |
| Supplier Device Package | 48-HVQFN (7x7) | Current - Supply | 10µA |
| Series | - | Base Product Number | MPF7100 |
| Package / Case | 48-VFQFN Exposed Pad | Applications | i.MX Processors |
| Package | Tray | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MPF7100BMBA0ES

| Product Attribute | | | | |
|-------------------------|-------------------------------|--------------------------------------|---|-----------------------|
| Part Number | MPF7100BMBA0ES | MAX17014AETM+ | MPF5023AMBA0ES | IR3086AMTRPBF |
| Manufacturer | NXP USA Inc. | Analog Devices Inc./Maxim Integrated | NXP USA Inc. | Infineon Technologies |
| Series | - | - | - | XPhase™ |
| Supplier Device Package | 48-HVQFN (7x7) | 48-TQFN (7x7) | 40-HVQFN (6x6) | 20-MLPQ (4x4) |
| Voltage - Supply | 2.5V ~ 5.5V | 8V ~ 16.5V | 2.5V ~ 5.5V | 8.4V ~ 14V |
| Package | Tray | Tube | Tray | Tape & Reel (TR) |
| Base Product Number | MPF7100 | MAX17014 | MPF5023 | IR3086 |
| Current - Supply | 10µA | 8mA | 10µA | 10mA |
| Operating Temperature | -40°C ~ 125°C (TA) | -40°C ~ 85°C | -40°C ~ 125°C (TA) | 0°C ~ 125°C |
| Applications | i.MX Processors | TFT-LCD Monitors | High Performance i.MX 8, S32x Processor Based | Processor |
| Mounting Type | Surface Mount, Wettable Flank | Surface Mount | Surface Mount, Wettable Flank | Surface Mount |
| Package / Case | 48-VFQFN Exposed Pad | 48-WFQFN Exposed Pad | 40-VFQFN Exposed Pad | 20-VFQFN Exposed Pad |

MPF7100BMBA0ES Datasheet PDF

Download MPF7100BMBA0ES pdf datasheets and NXP USA Inc. documentation for MPF7100BMBA0ES - 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

- Mult Dev A/T Site 28/Apr/2021.pdf

PCN Design/Specification

- Mult Dev DS Chg 17/Mar/2021.pdf

Customers Also Interested in

Recommended Products

- | | | | | | |
|--|--|-----------------------------|------------------------|----------------------------|---|
| | | | | | |
| MAX17014AETM+ Analog Devices Inc./Maxim Integrated IC PWR SUPPLY MULT-OUTP 48TQFN | MPF102 onsemi AMP JFET UHF N-CHAN 25V TO-92 | MPF1-1202-DTW RCD | MPF02N60 MTC | MPF4391 MOTOROLA | MPF100T-1FCSG325E Microchip Technology IC FPGA 170 I/O 325FPGA |



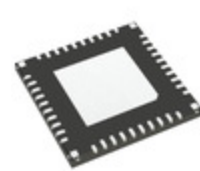
MPF1-151-JTW
RCD



MPF39SF020-90-4C-NH
SST



MPF8820AQC208AB
Intel
IC FPGA 208QFP



MPF5023AMBA0ES
NXP USA Inc.
POWER MANAGEMENT IC, PRE-PROG, 3



MPF960
onsemi
MOSFET N-CH 60V 2A TO92-3



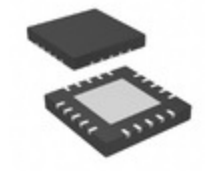
MPF4392
onsemi
JFET N-CH 30V TO92



MPF1-1202-FTW
RCD



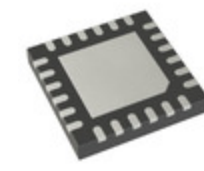
MPF39VF040-90-4C-NH
SST



IR3086AMTRPBF
Infineon Technologies
IC CTRL XPHASE 28-MLPQ



MPF1-122-JTW
RCD



MAX17075GTG/V+
Analog Devices Inc./Maxim
Integrated
IC DC-DC CONV W/CHRG PUMP
24TQFN



MPF300T-1FCG484IAV99
Microchip/Microsemi

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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 Email
info@allelco.com

Certifications & Memberships



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