



Image may be representation.
See specifications for product details.



MCP1252-ADJI/MS

| | |
|--------------------------|---|
| Manufacturer Part Number | MCP1252-ADJI/MS |
| Manufacturer | Microchip Technology |
| Allelco Part Number | 32D-MCP1252-ADJI/MS |
| ECAD Model | PCB Symbol, Footprint & 3D Mode |
| Parts Description | IC REG CHARGE PUMP ADJ 8MSOP |
| Package | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) |
| Data sheet | Cylindrical Battery Holders.pdf |
| RoHs Status | ROHS3 Compliant |

[Get a Quote](#)

MCP1252-ADJI/MS - Microchip Technology. New Original in Stock. Download Linear Technology MCP1252-ADJI/MS datasheet/specifications on AllelcoElec.com. Request a quote for MCP1252-ADJI/MS, please send us email: info@allelco.com

Specifications

MCP1252-ADJI/MS Tech Specifications
MCP1252-ADJI/MS - Microchip Technology technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|------------------------------|--|-----------------------|-------------------|
| Manufacturer | Microchip Technology | Package | Tube |
| Voltage - Output (Min/Fixed) | 1.5V | Output Type | Adjustable |
| Voltage - Output (Max) | 5.5V | Output Configuration | Positive |
| Voltage - Input (Min) | 2V | Operating Temperature | -40°C ~ 85°C (TA) |
| Voltage - Input (Max) | 5.5V | Number of Outputs | 1 |
| Topology | Charge Pump | Mounting Type | Surface Mount |
| Synchronous Rectifier | No | Function | Step-Up/Step-Down |
| Supplier Device Package | 8-MSOP | Frequency - Switching | 650kHz |
| Series | - | Current - Output | 120mA |
| Package / Case | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | Base Product Number | MCP1252 |

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP1252-ADJI/MS

| Product Attribute | | | | |
|------------------------------|--|--|----------------------|--|
| Part Number | MCP1252-ADJI/MS | MCP1253T-33X50I/MS | MCP1256-E/MF | MCP1253-33X50I/MS |
| Manufacturer | Microchip Technology | Microchip Technology | Microchip Technology | Microchip Technology |
| Voltage - Output (Min/Fixed) | 1.5V | 3.3V, 5V | 3.3V | 3.3V, 5V |
| Series | - | - | - | - |
| Output Configuration | Positive | Positive | Positive | Positive |
| Package | Tube | Tape & Reel (TR) | Tube | Tube |
| Base Product Number | MCP1252 | MCP1253 | MCP1256 | MCP1253 |
| Voltage - Output (Max) | 5.5V | - | - | - |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Package / Case | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | 10-VDFN Exposed Pad | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) |
| Function | Step-Up/Step-Down | Step-Up/Step-Down | Step-Up | Step-Up/Step-Down |
| Voltage - Input (Max) | 5.5V | 5.5V | 3.6V | 5.5V |
| Number of Outputs | 1 | 1 | 1 | 1 |
| Frequency - Switching | 650kHz | 1MHz | 650kHz | 1MHz |
| Output Type | Adjustable | Programmable | Fixed | Programmable |
| Voltage - Input (Min) | 2V | 2.7V | 1.8V | 2.7V |
| Operating Temperature | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 125°C (TJ) | -40°C ~ 85°C (TA) |
| Synchronous Rectifier | No | No | No | No |
| Supplier Device Package | 8-MSOP | 8-MSOP | 10-DFN (3x3) | 8-MSOP |
| Topology | Charge Pump | Charge Pump | Charge Pump | Charge Pump |
| Current - Output | 120mA | 120mA | 100mA | 120mA |

MCP1252-ADJI/MS Datasheet PDF

Download MCP1252-ADJI/MS pdf datasheets and Microchip Technology documentation for MCP1252-ADJI/MS - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging


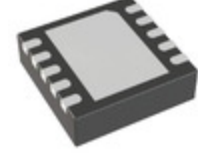
















[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

Other Related Documents

Customers Also Interested in

Recommended Products

| | | | | | |
|--|--|---|--|--|--|
|  MCP1253T-33X50I/MS Microchip Technology IC REG CHARG PUMP PROG 8MSOP |  MCP1256-E/MF Microchip Technology IC REG CHARG PUMP 3.3V 10DFN |  MCP1253-33X50I/MS Microchip Technology IC REG CHARG PUMP PROG 8MSOP |  MCP121T-300E/TT Microchip Technology IC SUPERVISOR 1 CHANNEL SOT23-3 |  MCP121T-315E/TT Microchip Technology IC SUPERVISOR 1 CHANNEL SOT23-3 |  MCP121T-475E/LB Microchip Technology IC SUPERVISOR 1 CHANNEL SC70-3 |
|  MCP121T-300E/LB Microchip Technology IC SUPERVISOR 1 CHANNEL SC70-3 |  MCP1252T-ADJI/MS Microchip Technology IC REG CHARGE PUMP ADJ 8MSOP |  MCP1252-33X50I/MS Microchip Technology IC REG CHARG PUMP PROG 8MSOP |  MCP1256T-E/MF Microchip Technology IC REG CHARG PUMP 3.3V 10DFN |  |  MCP121T-450E/TT Microchip Technology IC SUPERVISOR 1 CHANNEL SOT23-3 |
|  MCP1257-E/MF Microchip Technology IC REG CHARG PUMP 3.3V 10DFN |  MCP1253T-ADJI/MS Microchip Technology IC REG CHARGE PUMP ADJ 8MSOP |  MCP1253-ADJI/MS Microchip Technology IC REG CHARGE PUMP ADJ 8MSOP |  MCP121T-450E/LB Microchip Technology IC SUPERVISOR 1 CHANNEL SC70-3 |  MCP121T-475E/TT Microchip Technology IC SUPERVISOR 1 CHANNEL SOT23-3 |  MCP1252T-33X50I/MS Microchip Technology IC REG CHARG PUMP PROG 8MSOP |

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