



Image may be representation.
See specifications for product details.



PCA9508DP,118

Manufacturer Part Number	PCA9508DP,118
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-PCA9508DP,118
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REDRIVER I2C HOTSWAP 8TSSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

PCA9508DP,118 - NXP USA Inc..New Original in Stock. Download Linear Technology PCA9508DP,118 datasheet/specifications on AllelcoElec.com.
Request a quote for PCA9508DP,118, please send us email: info@allelco.com

Specifications

PCA9508DP,118 Tech Specifications
PCA9508DP,118 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Number of Channels	1
Voltage - Supply	2.7V ~ 5.5V	Mounting Type	Surface Mount
Type	Buffer, ReDriver	Input	2-Wire Bus
Supplier Device Package	8-TSSOP	Delay Time	-
Signal Conditioning	-	Data Rate (Max)	400kHz
Series	-	Current - Supply	1mA
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Capacitance - Input	5.2 pF
Package	Tape & Reel (TR)	Base Product Number	PCA9508
Output	2-Wire Bus	Applications	I ² C - Hotswap
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. PCA9508DP,118

Product Attribute				
Part Number	PCA9508DP,118	PCA9508D,112	PCA9509DP,118	PCA9508D,118
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Type	Buffer, ReDriver	Buffer, ReDriver	Buffer, ReDriver	Buffer, ReDriver
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Data Rate (Max)	400kHz	400kHz	400kHz	400kHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	3V ~ 5.5V	2.7V ~ 5.5V
Current - Supply	1mA	1mA	3mA	1mA
Number of Channels	1	1	2	1
Base Product Number	PCA9508	PCA95	PCA9509	PCA9508
Applications	I ² C - Hotswap	I ² C - Hotswap	I ² C	I ² C - Hotswap
Input	2-Wire Bus	2-Wire Bus	2-Wire Bus	2-Wire Bus
Delay Time	-	-	-	-
Capacitance - Input	5.2 pF	5.2 pF	2 pF	5.2 pF
Signal Conditioning	-	-	-	-
Series	-	-	-	-
Output	2-Wire Bus	2-Wire Bus	2-Wire Bus	2-Wire Bus
Supplier Device Package	8-TSSOP	8-SO	8-TSSOP	8-SO

PCA9508DP,118 Datasheet PDF

Download PCA9508DP,118 pdf datasheets and NXP USA Inc. documentation for PCA9508DP,118 - NXP USA Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

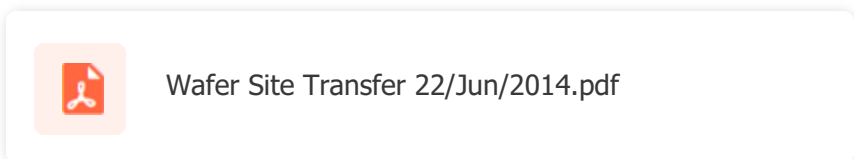
[All Dev Label Update 15/Dec/2020.pdf](#)

[Lighter Packing Reels 30/Mar/2014.pdf](#)

Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)



Customers Also Interested in

Recommended Products

PCA9509DP Freescale / NXP Semiconductors	PCA9508D,112 NXP USA Inc. IC REDRIVER I2C HOTSWAP 1CH 850	PCA9509ADP Freescale / NXP Semiconductors	PCA9509PGM NXP USA Inc. IC REDRIVER I2C 1CH 400KHZ 8XQFN	PCA9510AD Freescale / NXP Semiconductors	PCA9507DP NXP USA Inc. 2-WIRE SERIAL BUS EXTENDER FOR H
PCA9507D NXP USA Inc. 2-WIRE SERIAL BUS EXTENDER FOR H	PCA9509DP,118 Freescale / NXP Semiconductors	PCA9509D118 Freescale / NXP Semiconductors	PCA9509DP,118 NXP USA Inc. IC REDRIVER I2C 2CH 8TSSOP	PCA9509GM Freescale / NXP Semiconductors	PCA9508D,118 NXP USA Inc. IC REDRIVER I2C HOTSWAP 1CH 850
PCA9505DGG,118 NXP USA Inc. IC XPNDR 400KHZ I2C 56TSSOP	PCA9506BS Freescale / NXP Semiconductors	PCA9508DP Freescale / NXP Semiconductors	PCA9509D Freescale / NXP Semiconductors	PCA9510ADP Freescale / NXP Semiconductors	PCA9508D Freescale / NXP Semiconductors

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.

<p>Payment Support</p> <p>The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.</p>	<p>Your Faithful Supply Chain Partner -</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Efficient Supply Management </div> <div style="text-align: center;"> Cost-Saving Procurement </div> <div style="text-align: center;"> Fast Sourcing & Delivery </div> </div> <p>Contact us if you have any questions.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Phone +00852 9146 4856 </div> <div style="text-align: center;"> Email info@allelco.com </div> </div>	<p>Certifications & Memberships</p> <div style="display: flex; justify-content: space-around;"> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> </div> <p style="text-align: right; font-size: small;">View More</p>
---	---	--

Contact us