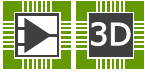





PCA9601D,118

Manufacturer Part Number	PCA9601D,118
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-PCA9601D,118
ECAD Model	 PCB Symbol, Footprint & 3D Model
Parts Description	IC REDRIVER I2C 1CH 1MHZ 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf PCA9601.pdf
RoHS Status	 ROHS3 Compliant



Get a Quote

PCA9601D,118 - NXP USA Inc..New Original in Stock. Download Linear Technology PCA9601D,118 datasheet/specifications on AllelcoElec.com.
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Specifications

PCA9601D,118 Tech Specifications
PCA9601D,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	2.5V ~ 15V	Mounting Type	Surface Mount
Type	Buffer, ReDriver	Input	2-Wire Bus
Supplier Device Package	8-SO	Delay Time	-
Signal Conditioning	-	Data Rate (Max)	1MHz
Series	-	Current - Supply	5.5mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Capacitance - Input	10 pF
Package	Tape & Reel (TR)	Base Product Number	PCA9601
Output	2-Wire Bus	Applications	I ² C
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications


The three parts on the right have similar specifications to NXP USA Inc. PCA9601D,118

Product Attribute				
Part Number	PCA9601D,118	PCA9617ADP	PCA9617ADMR2G	PCA9615DPZ
Manufacturer	NXP USA Inc.	NXP USA Inc.	onsemi	NXP USA Inc.
Voltage - Supply	2.5V ~ 15V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.3V ~ 3V, 3V ~ 5.5V
Current - Supply	5.5mA	8µA	8µA	16µA
Delay Time	-	-	-	150ns
Applications	I ² C	I ² C	I ² C	I ² C
Output	2-Wire Bus	2-Wire Bus	2-Wire Bus	2-Wire Bus
Series	-	-	-	-
Number of Channels	1	1	1	2
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Rate (Max)	1MHz	1MHz	-	400MHz
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-55°C ~ 125°C	-40°C ~ 85°C (TA)
Capacitance - Input	10 pF	10 pF	10 pF	6 pF
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Input	2-Wire Bus	2-Wire Bus	2-Wire Bus	2-Wire Bus
Supplier Device Package	8-SO	8-TSSOP	8-MSOP	10-TSSOP
Signal Conditioning	-	-	-	-
Base Product Number	PCA9601	PCA9617	PCA9617	-
Type	Buffer, ReDriver	Buffer, ReDriver	Buffer, ReDriver	Buffer, ReDriver
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)


PCA9601D,118 Datasheet PDF


Download PCA9601D,118 pdf datasheets and NXP USA Inc. documentation for PCA9601D,118 - NXP USA Inc..

Datasheets

 [Cylindrical Battery Holders.pdf](#)

Environmental Information

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HTML Datasheet

 [PCA9601.pdf](#)

Customers Also Interested in

Recommended Products

					
PCA9617ADP NXP USA Inc. LEVEL TRANSLATING FM+ I2C-BUS	PCA9605DP Freescale / NXP Semiconductors	PCA9575PW Freescale / NXP Semiconductors	PCA9600DP Freescale / NXP Semiconductors	PCA9605D Freescale / NXP Semiconductors	PCA9617ADMR2G onsemi IC REPEATER I2C BUS MICRO8
					
PCA9575PW1 Freescale / NXP Semiconductors	PCA9615DPZ NXP USA Inc. IC REDRIVER I2C 2CH 10TSSOP	PCA9617ADPJ NXP USA Inc. IC REDRIVER I2C 1CH 1MHZ 8TSSOP	PCA9600DP/S911 Freescale / NXP Semiconductors	PCA9575PW2 Freescale / NXP Semiconductors	PCA9600DP,118 NXP USA Inc. IC REDRIVER I2C 1CH 8TSSOP
					
PCA9615DPJ NXP USA Inc. IC REDRIVER I2C 2CH 10TSSOP	PCA9575PW1,118 NXP USA Inc. IC XPND 400KHZ I2C SMBUS 24TSSOP	PCA9601D Freescale / NXP Semiconductors	PCA9600D Freescale / NXP Semiconductors	PCA9605D,118 NXP USA Inc. IC REDRIVER I2C 1CH 400KHZ 8SO	PCA9617ATP 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.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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