



Image may be representation.
See specifications for product details.



PS2801-1-A

Manufacturer Part Number	PS2801-1-A
Manufacturer	CEL (California Eastern Laboratories)
Allelco Part Number	32D-PS2801-1-A
ECAD Model	Request Free CAD Models
Parts Description	OPTOISOLATOR 2.5KV TRANS 4-SSOP
Package	4-SOIC (0.173", 4.40mm Width)
Data sheet	Optocouplers + SSR Brochure.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PS2801-1-A - CEL.New Original in Stock. Download Linear Technology PS2801-1-A datasheet/specifications on AllelcoElec.com.
Request a quote for PS2801-1-A, please send us email: info@allelco.com

Specifications

PS2801-1-A Tech Specifications
PS2801-1-A - CEL technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	CEL (California Eastern Laboratories)	Package	Bulk
Voltage - Output (Max)	80V	Output Type	Transistor
Voltage - Isolation	2500Vrms	Operating Temperature	-55°C ~ 100°C
Voltage - Forward (Vf) (Typ)	1.1V	Number of Channels	1
Vce Saturation (Max)	300mV	Mounting Type	Surface Mount
Turn On / Turn Off Time (Typ)	6µs, 5µs	Input Type	DC
Supplier Device Package	4-SSOP	Current Transfer Ratio (Min)	80% @ 5mA
Series	-	Current Transfer Ratio (Max)	600% @ 5mA
Rise / Fall Time (Typ)	3µs, 5µs	Current - Output / Channel	50mA
Package / Case	4-SOIC (0.173", 4.40mm Width)	Current - DC Forward (If) (Max)	50 mA

Parts with Similar Specifications

The three parts on the right have similar specifications to CEL PS2801-1-A

Product Attribute				
Part Number	PS2801-1-A	PS2761B-1Y-V-F3-A	PS2801-1-V-F3-A	PS2801-1-F3-A
Manufacturer	CEL	Renesas Electronics America Inc	Renesas Electronics America Inc	CEL
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Type	DC	DC	DC	DC
Number of Channels	1	1	1	1
Output Type	Transistor	Transistor	Transistor	Transistor
Vce Saturation (Max)	300mV	300mV	300mV	300mV
Rise / Fall Time (Typ)	3µs, 5µs	4µs, 5µs	3µs, 5µs	3µs, 5µs
Voltage - Forward (Vf) (Typ)	1.1V	1.1V	1.1V	1.1V
Voltage - Isolation	2500Vrms	3750Vrms	2500Vrms	2500Vrms
Current Transfer Ratio (Min)	80% @ 5mA	50% @ 5mA	80% @ 5mA	80% @ 5mA
Operating Temperature	-55°C ~ 100°C	-55°C ~ 110°C	-55°C ~ 100°C	-55°C ~ 100°C
Current Transfer Ratio (Max)	600% @ 5mA	400% @ 5mA	600% @ 5mA	600% @ 5mA
Voltage - Output (Max)	80V	70V	80V	80V
Series	-	-	-	-
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - DC Forward (If) (Max)	50 mA	50 mA	50 mA	50 mA
Turn On / Turn Off Time (Typ)	6µs, 5µs	8µs, 5µs	6µs, 5µs	6µs, 5µs
Package / Case	4-SOIC (0.173", 4.40mm Width)	4-SMD, Gull Wing	4-SOIC (0.173", 4.40mm Width)	4-SOIC (0.173", 4.40mm Width)
Current - Output / Channel	50mA	50mA	50mA	50mA
Supplier Device Package	4-SSOP	4-SOP	4-SSOP	4-SSOP

PS2801-1-A Datasheet PDF

Download PS2801-1-A pdf datasheets and CEL documentation for PS2801-1-A - CEL.

Datasheets

[Optocouplers + SSR Brochure.pdf](#)

PCN Other

[Coupler/Diode Supply Transition 1/Aug/2018.pdf](#)

Environmental Information

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

PS2801-1-F3-A/L Renesas Electronics Corporation	PS2761B-1Y-V-F3-A Renesas Electronics America Inc OPTOCOUPLER 4-PIN SOP	PS2801-1-V-F3-A Renesas Electronics America Inc OPTOISOLATOR 2.5KV TRANS 4-SSOP	PS2801-1-F3-A CEL OPTOISOLATOR 2.5KV TRANS 4-SSOP	PS2801 Renesas Electronics Corporation	PS2801-1 Renesas Electronics Corporation
PS2765-1-F3-A CEL OPTOISOLATOR 3.75KV TRANS 4SMD	PS2801-1-V-F3-A CEL OPTOISOLATOR 2.5KV TRANS 4-SSOP	PS2801-1-F4-A CEL OPTOISOLATOR 2.5KV TRANS 4-SSOP	PS2765-1-F3 CEL OPTOISOLATOR 3.75KV TRANS 4SMD	PS2801-1-V-A Renesas Electronics Corporation	PS2765-1-F4-A Renesas Electronics Corporation
PS2761B-F3-A NEC	PS2765-1 CEL OPTOISOLATOR 3.75KV TRANS 4SMD	PS2801-1-F3 CEL OPTOISOLATOR 2.5KV TRANS 4-SSOP	PS2761B-1Y-V Renesas Electronics Corporation	PS2800BD None	PS2801-1-F3-A/JT Renesas Electronics Corporation

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
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Contact us if you have any questions.

Phone +00852 9146 4856	Email info@allelco.com
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Certifications & Memberships



View More

Contact us

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