



Image may be representation.
See specifications for product details.



NCL30076AADR2G

| | |
|--------------------------|----------------------------------|
| Manufacturer Part Number | NCL30076AADR2G |
| Manufacturer | onsemi |
| Allelco Part Number | 32D-NCL30076AADR2G |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC LED DRVR CTRL PWM 800MA 8SOIC |
| Package | 8-SOIC (0.154", 3.90mm Width) |
| Data sheet | NCL30076.pdf |
| | NCL30076.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

NCL30076AADR2G - onsemi.New Original in Stock. Download Linear Technology NCL30076AADR2G datasheet/specifications on AllelcoElec.com.
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Specifications

NCL30076AADR2G Tech Specifications
NCL30076AADR2G - onsemi technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|-------------------------------|----------------------------|--------------------|
| Manufacturer | onsemi | Operating Temperature | -40°C ~ 125°C (TJ) |
| Voltage - Supply (Min) | - | Number of Outputs | 1 |
| Voltage - Supply (Max) | 30V | Mounting Type | Surface Mount |
| Voltage - Output | - | Internal Switch(s) | No |
| Type | DC DC Controller | Frequency | - |
| Topology | Step-Down (Buck) | Dimming | Analog, PWM |
| Supplier Device Package | 8-SOIC | Current - Output / Channel | 800mA |
| Series | - | Base Product Number | NCL30076 |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) | Applications | LED Lighting |
| Package | Tape & Reel (TR) | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCL30076AADR2G

| Product Attribute | | | | |
|----------------------------|-------------------------------|-------------------------------|---|--|
| Part Number | NCL30076AADR2G | NCL30082B3DR2G | NCL30086BHDR2G | NCL30082ADM2G |
| Manufacturer | onsemi | onsemi | onsemi | onsemi |
| Frequency | - | - | - | - |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Voltage - Supply (Min) | - | 8.8V | 8.8V | 8.8V |
| Internal Switch(s) | No | No | No | No |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) | 8-SOIC (0.154", 3.90mm Width) | 10-SOP (0.154", 3.90mm Width) | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) |
| Type | DC DC Controller | AC DC Offline Switcher | AC DC Offline Switcher | AC DC Offline Switcher |
| Operating Temperature | -40°C ~ 125°C (TJ) | -40°C ~ 125°C (TA) | -40°C ~ 125°C (TA) | -40°C ~ 125°C (TA) |
| Topology | Step-Down (Buck) | Flyback | Flyback, SEPIC, Step-Down (Buck), Step-Up (Boost) | Flyback |
| Dimming | Analog, PWM | Analog, PWM | Analog, PWM | Analog, PWM |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Current - Output / Channel | 800mA | - | - | - |
| Voltage - Supply (Max) | 30V | 20V | 20V | 20V |
| Base Product Number | NCL30076 | NCL30082 | NCL30086 | NCL30082 |
| Supplier Device Package | 8-SOIC | 8-SOIC | 10-SOIC | 8-MSOP |
| Number of Outputs | 1 | 1 | 1 | 1 |
| Voltage - Output | - | - | - | - |
| Series | - | - | - | - |
| Applications | LED Lighting | - | Lighting | - |

NCL30076AADR2G Datasheet PDF

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Datasheets

[NCL30076.pdf](#)

Environmental Information

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[onsemi RoHS.pdf](#)

HTML Datasheet

[NCL30076.pdf](#)

Customers Also Interested in

Recommended Products

| | | | | | |
|--|---|--|---|--|--|
|  NCL30082B3DR2G onsemi IC LED DRIVER OFFL PWM 8SOIC |  NCL30086BHDR2G onsemi IC LED DRIVER OFFL PWM 10SOIC |  NCL30082ADMR2G onsemi IC LED DRIVER OFFL PWM 8MSOP |  NCL30082B1DR2G onsemi IC LED DRIVER OFFL PWM 8SOIC |  NCL30088BDR2G onsemi IC LED DRIVER OFFL 8SOIC |  NCL30060B3DR2G onsemi IC LED DRIVER OFFL NO 3A 7SOIC |
|  NCL30086BDR2G onsemi IC LED DRIVER OFFL PWM 10SOIC |  NCL30082DDR2G onsemi IC LED DRIVER OFFL PWM 8SOIC |  NCL30051DR2G onsemi IC LED DRIVER OFFL 16SOIC |  NCL30030B3DR2G onsemi IC LED DRIVER OFFL 16SOIC |  NCL30060BDR2G onsemi IC LED DRIVER OFFL 7SOIC |  NCL30060B2DR2G onsemi IC LED DRIVER OFFL 7SOIC |
|  NCL30082BDR2G onsemi IC LED DRIVER OFFL PWM 8SOIC |  NCL30030B1DR2G onsemi IC LED DRIVER OFFL 500MA 16SOIC |  NCL30030B2DR2G onsemi IC LED DRIVER OFFL 16SOIC |  NCL30080BSNT1G onsemi IC LED DRIVER OFFL 6TSOP |  NCL30082BDMR2G onsemi IC LED DRIVER OFFL PWM 8MSOP |  NCL30002DR2G onsemi IC LED DRIVER OFFL 8SOIC |

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



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