



Image may be representation.  
See specifications for product details.



## VN808CM-E

|                          |                                       |
|--------------------------|---------------------------------------|
| Manufacturer Part Number | <a href="#">VN808CM-E</a>             |
| Manufacturer             | <a href="#">STMicroelectronics</a>    |
| Allelco Part Number      | 32D-VN808CM-E                         |
| ECAD Model               | PCB Footprint and Symbol              |
| Parts Description        | IC PWR DRIVER N-CHAN 1:1 PWRSO36      |
| Package                  | 36-PowerBSSOP (0.433", 11.00mm Width) |
| Data sheet               | <a href="#">VN808CM-E.pdf</a>         |
| RoHs Status              | ROHS3 Compliant                       |

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VN808CM-E - STMicroelectronics.New Original in Stock. Download Linear Technology VN808CM-E datasheet/specifications on AllelcoElec.com.  
Request a quote for VN808CM-E, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

VN808CM-E Tech Specifications

VN808CM-E - STMicroelectronics technical specifications, attributes, parameters

| Product Attribute          | Attribute Value                       | Product Attribute      | Attribute Value                            |
|----------------------------|---------------------------------------|------------------------|--|
| Manufacturer               | STMicroelectronics                    | Output Configuration   | High Side                                  |
| Voltage - Supply (Vcc/Vdd) | Not Required                          | Operating Temperature  | -40°C ~ 125°C (TJ)                         |
| Voltage - Load             | 10.5V ~ 45V                           | Number of Outputs      | 8  |
| Switch Type                | General Purpose                       | Mounting Type          | Surface Mount                              |
| Supplier Device Package    | PowerSO-36, Bottom Pad                | Interface              | On/Off                                     |
| Series                     | VIpower™                              | Input Type             | Non-Inverting                              |
| Rds On (Typ)               | 160mOhm (Max)                         | Features               | Auto Restart, Status Flag                  |
| Ratio - Input:Output       | 1:1                                   | Fault Protection       | Current Limiting (Fixed), Over Temperature |
| Package / Case             | 36-PowerBSSOP (0.433", 11.00mm Width) | Current - Output (Max) | 700mA                                      |
| Package                    | Tube                                  | Base Product Number    | VN808                                      |
| Output Type                | N-Channel                             |                        |  |

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VN808CM-E

| Product Attribute          |  |  |  |  |
|----------------------------|--|--|--|--|
| Part Number                | VN808CM-E                                  | <a href="#">VN808SR</a>                    | <a href="#">VN808-E</a>                    | <a href="#">VN808CMTR-E</a>                |
| Manufacturer               | STMicroelectronics                         | STMicroelectronics                         | STMicroelectronics                         | STMicroelectronics                         |
| Rds On (Typ)               | 160mOhm (Max)                              | 150mOhm                                    | 150mOhm                                    | 160mOhm (Max)                              |
| Output Type                | N-Channel                                  | N-Channel                                  | N-Channel                                  | N-Channel                                  |
| Interface                  | On/Off                                     | On/Off                                     | On/Off                                     | On/Off                                     |
| Output Configuration       | High Side                                  | High Side                                  | High Side                                  | High Side                                  |
| Package                    | Tube                                       | Tube                                       | Tube                                       | Tape & Reel (TR)                           |
| Series                     | VIpower™                                   | VIpower™                                   | VIpower™                                   | VIpower™                                   |
| Features                   | Auto Restart, Status Flag                  | Auto Restart, Status Flag                  | Auto Restart, Status Flag                  | Auto Restart, Status Flag                  |
| Package / Case             | 36-PowerBSSOP (0.433", 11.00mm Width)      | 36-PowerBSSOP (0.433", 11.00mm Width)      | 36-PowerBSSOP (0.433", 11.00mm Width)      | 36-PowerBSSOP (0.433", 11.00mm Width)      |
| Mounting Type              | Surface Mount                              | Surface Mount                              | Surface Mount                              | Surface Mount                              |
| Current - Output (Max)     | 700mA                                      | 700mA                                      | 700mA                                      | 700mA                                      |
| Base Product Number        | VN808                                      | VN808                                      | VN808                                      | VN808                                      |
| Input Type                 | Non-Inverting                              | Non-Inverting                              | Non-Inverting                              | Non-Inverting                              |
| Supplier Device Package    | PowerSO-36, Bottom Pad                     | PowerSO-36, Bottom Pad                     | PowerSO-36, Bottom Pad                     | PowerSO-36, Bottom Pad                     |
| Voltage - Load             | 10.5V ~ 45V                                | 10.5V ~ 45V                                | 10.5V ~ 45V                                | 10.5V ~ 45V                                |
| Number of Outputs          | 8  | 8  | 8  | 8  |
| Switch Type                | General Purpose                            | General Purpose                            | General Purpose                            | General Purpose                            |
| Ratio - Input:Output       | 1:1  | 1:1  | 1:1  | 1:1  |
| Voltage - Supply (Vcc/Vdd) | Not Required                               | Not Required                               | Not Required                               | Not Required                               |
| Operating Temperature      | -40°C ~ 125°C (TJ)                         | -40°C ~ 125°C (TJ)                         | -40°C ~ 125°C (TJ)                         | -40°C ~ 125°C (TJ)                         |
| Fault Protection           | Current Limiting (Fixed), Over Temperature | Current Limiting (Fixed), Over Temperature | Current Limiting (Fixed), Over Temperature | Current Limiting (Fixed), Over Temperature |

## VN808CM-E Datasheet PDF


Download VN808CM-E pdf datasheets and STMicroelectronics documentation for VN808CM-E - STMicroelectronics.

### PCN Packaging

[Material Barrier Bag 17/Dec/2020.pdf](#)

### PCN Assembly/Origin

[CT6 Line Conversion 21/Oct/2019.pdf](#)

 VN808CM-E.pdf

## Customers Also Interested in

### Recommended Products



#### VN808SR

STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5036



#### VN800STR

STMicroelectronics



#### VN801EF

Monolithic Power Systems



#### VN801EF-C118-LF-Z

Monolithic Power Systems



#### VN808EF

Monolithic Power Systems



#### VN808-E

STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5036



#### VN808CMTR-E

STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5036



#### VN808TR-32-E

STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5036



#### VN801EF-C117

Monolithic Power Systems



#### VN801EF-LF-Z

Monolithic Power Systems



#### VN808TR

STMicroelectronics



#### VN808CM-32-E

STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5036



#### VN808CMTR-32-E

STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5036



#### VN808SR13TR

STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5036



#### VN800STR-E

STMicroelectronics  
IC PWR DRIVER N-CHANNEL 1:1 8SO



#### VN808CM

STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5036



#### VN808TR-E

STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5036



#### VN810EF

Monolithic Power Systems

## 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.



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+00852 9146 4856



Email

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## Certifications & Memberships



View More

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