



Image may be representation.  
See specifications for product details.



## VN340SP-E

Manufacturer Part Number	<b>VN340SP-E</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-VN340SP-E
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC PWR DRIVER N-CHAN 1:1 PWRSO10
Package	PowerSO-10 Exposed Bottom Pad
Data sheet	<b>VN340SP-E.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

VN340SP-E - STMicroelectronics.New Original in Stock. Download Linear Technology VN340SP-E datasheet/specifications on AllelcoElec.com.  
Request a quote for VN340SP-E, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

VN340SP-E Tech Specifications

VN340SP-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	10V ~ 36V	Number of Outputs	4
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	10-PowerSO	Interface	On/Off
Series	-	Input Type	Non-Inverting
Rds On (Typ)	200mOhm (Max)	Features	Status Flag
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature
Package / Case	PowerSO-10 Exposed Bottom Pad	Current - Output (Max)	700mA
Package	Tube	Base Product Number	VN340
Output Type	N-Channel		

### Parts with Similar Specifications

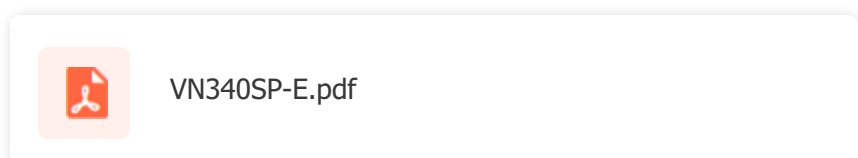
The three parts on the right have similar specifications to STMicroelectronics VN340SP-E

Product Attribute				
Part Number	VN340SP-E	<b>VN340SPTR-E</b>	<b>VN380SP13TR</b>	<b>VN330SP</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Supplier Device Package	10-PowerSO	10-PowerSO	PowerSO-10	10-PowerSO
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)
Number of Outputs	4	4	1	4
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Type	Non-Inverting	Non-Inverting	-	Non-Inverting
Package / Case	PowerSO-10 Exposed Bottom Pad	PowerSO-10 Exposed Bottom Pad	PowerSO-10 Exposed Bottom Pad	PowerSO-10 Exposed Bottom Pad
Fault Protection	Current Limiting (Fixed), Over Temperature	Current Limiting (Fixed), Over Temperature	Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature
Series	-	-	VIpower™	-
Interface	On/Off	On/Off	On/Off	On/Off
Base Product Number	VN340	VN340	VN380	VN330
Switch Type	General Purpose	General Purpose	Relay, Solenoid Driver	General Purpose
Ratio - Input:Output	1:1	1:1	2:1	1:1
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Voltage - Load	10V ~ 36V	10V ~ 36V	6V ~ 24V	10V ~ 36V
Rds On (Typ)	200mOhm (Max)	200mOhm (Max)	110mOhm	320mOhm (Max)
Features	Status Flag	Status Flag	Status Flag	Status Flag
Output Type	N-Channel	N-Channel	Bipolar	N-Channel
Output Configuration	High Side	High Side	High Side	High Side
Current - Output (Max)	700mA	700mA	5A	700mA

### VN340SP-E Datasheet PDF

Download VN340SP-E pdf datasheets and STMicroelectronics documentation for VN340SP-E - STMicroelectronics.

#### HTML Datasheet



### Customers Also Interested in

#### Recommended Products



**VN340SP13TR**  
STMicroelectronics

**VN3205N8-G**  
Microchip Technology  
MOSFET N-CH 50V 1.5A TO243AA

**VN340SPTR-E**  
STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5010

**VN380SP13TR**  
STMicroelectronics  
IC PWR DRVR BIPOLAR 2:1  
PWR5010

**VN330SP**  
STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5010

**VN340SP**  
STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5010



**VN3515L**  
Electro-Films (EFI) / Vishay

**VN3205N3-G**  
Microchip Technology  
MOSFET N-CH 50V 1.2A TO92-3

**VN330SP-E**  
STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5010

**VN330SPTR-32-E**  
STMicroelectronics  
IC PWR SSR HIGH-SIDE QUAD  
PWR5010

**VN330SPTR-E**  
STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5010

**VN3205N3**  
SUPERTEX



**VN380SP**  
STMicroelectronics

**VN3205N8**  
SUPERTEX

**VN381SP**  
STMicroelectronics

**VN380SP-E**  
STMicroelectronics  
IC PWR DRVR BIPOLAR 2:1  
PWR5010

**VN340SP-33-E**  
STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5010

**VN340SPTR-33-E**  
STMicroelectronics  
IC PWR DRIVER N-CHAN 1:1  
PWR5010

## 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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## Contact us

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