



Image may be representation.
See specifications for product details.



VN5050JJTR-E

Manufacturer Part Number	VN5050JJTR-E
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VN5050JJTR-E
ECAD Model	Request Free CAD Models
Parts Description	IC DVR SGL HIGH SIDE POWERSSO12
Package	PowerSSO-12
Data sheet	VN5050JJTR-E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VN5050JJTR-E - STMicroelectronics.New Original in Stock. Download Linear Technology VN5050JJTR-E datasheet/specifications on AllelcoElec.com.
Request a quote for VN5050JJTR-E, please send us email: info@allelco.com

Specifications

VN5050JJTR-E Tech Specifications

VN5050JJTR-E - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Configuration	High Side
Voltage - Load	4.5V ~ 36V	Operating Temperature	-40°C ~ 150°C
Supplier Device Package	PowerSSO-12™	Number of Outputs	1
Series	VIPower™	Mounting Type	Surface Mount
Rds On (Typ)	50mOhm	Input Type	Non-Inverting
Package / Case	PowerSSO-12	Current - Output (Max)	13.5A
Package	Tape & Reel (TR)	Base Product Number	VN5050

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VN5050JJTR-E

Product Attribute				
Part Number	VN5050JJTR-E	VN540SPTR-E	VN5050AJTR-E	VN5160STR-E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Rds On (Typ)	50mOhm	50mOhm (Max)	50mOhm (Max)	160mOhm (Max)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	VN5050	VN540	VN5050	VN5160
Current - Output (Max)	13.5A	2.8A	12A	3.8A
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Operating Temperature	-40°C ~ 150°C	-25°C ~ 85°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Number of Outputs	1	1	1	1
Voltage - Load	4.5V ~ 36V	10V ~ 36V	4.5V ~ 36V	4.5V ~ 36V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	High Side	High Side	High Side	High Side
Supplier Device Package	PowerSSO-12™	10-PowerSO	PowerSSO-12™	8-SOIC
Package / Case	PowerSSO-12	PowerSO-10 Exposed Bottom Pad	PowerSSO-12	8-SOIC (0.154", 3.90mm Width)
Series	VIPower™	VIPower™	VIPower™	VIPower™

VN5050JJTR-E Datasheet PDF

Download VN5050JJTR-E pdf datasheets and STMicroelectronics documentation for VN5050JJTR-E - STMicroelectronics.

PCN Packaging



Box Label Chg 28/Jul/2016.pdf



APG/15/9380 07/Sep/2015.pdf

PCN Design/Specification



Pkg Cavity ID Add 9/Mar/2017.pdf

Customers Also Interested in

Recommended Products



VN540SPTR-E

STMicroelectronics
IC PWR DRIVER 1:1 PWRSSO10



VN5050AJTR-E

STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO12



VN5160STR-E

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



VN5050J

STMicroelectronics



VN540SP

STMicroelectronics



VN50300T-T1-GE3

Electro-Films (EFI) / Vishay

**VN50300L**

Electro-Films (EFI) / Vishay

VN50300T-T1-T3

Electro-Films (EFI) / Vishay

VN5050J-ESTMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO12**VN5160S-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 850**VN5160S**

STMicroelectronics

VN530SP

STMicroelectronics

**VN5050JTR-E**STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO12**VN5050AJ-E**STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO12**VN5025AJTR-E**STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO12**VN5050AJTR**

STMicroelectronics

**VN540SP-E**STMicroelectronics
IC PWR DRIVER 1:1 PWRSSO10**VN5050AJ**

STMicroelectronics

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

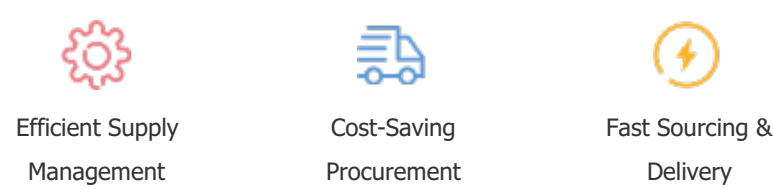
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

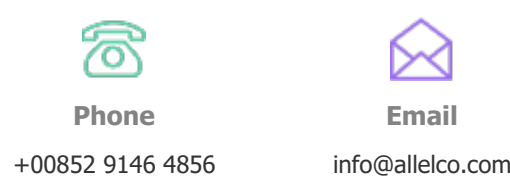
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)



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