



Image may be representation.  
See specifications for product details.



## VT1697SBFQX

Manufacturer Part Number	<b>VT1697SBFQX</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-VT1697SBFQX
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC HALF BRIDGE DRIVER 16QFN
Package	16-VFQFN
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

VT1697SBFQX - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology VT1697SBFQX datasheet/specifications on AllelcoElec.com. Request a quote for VT1697SBFQX, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

VT1697SBFQX Tech Specifications  
VT1697SBFQX - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Supply	1.71V ~ 1.98V	Mounting Type	Surface Mount
Voltage - Load	8.5V ~ 14V	Load Type	Inductive
Technology	Power MOSFET	Interface	PWM
Supplier Device Package	16-FCQFN (6x3.75)	Features	Diode Emulation, Status Flag
Series	-	Fault Protection	Current Limiting, Over Temperature, Short Circuit, UVLO
Rds On (Typ)	-	Current - Peak Output	55A
Package / Case	16-VFQFN	Current - Output / Channel	-
Package	Tape & Reel (TR)	Base Product Number	VT1697
Output Configuration	Half Bridge	Applications	General Purpose

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated VT1697SBFQX

Product Attribute				
Part Number	VT1697SBFQX	VT1697SBFQX+CNR	VT1697SCFQX	VT1677SBFQX+CN8
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Technology	Power MOSFET	-	Power MOSFET	-
Supplier Device Package	16-FCQFN (6x3.75)	-	16-FCQFN (6x3.75)	-
Base Product Number	VT1697	VT1697	VT1697	VT1677
Output Configuration	Half Bridge	-	Half Bridge	-
Voltage - Supply	1.71V ~ 1.98V	-	1.71V ~ 1.98V	-
Load Type	Inductive	-	Inductive	-
Current - Output / Channel	-	-	-	-
Package / Case	16-VFQFN	-	16-VFQFN	-
Features	Diode Emulation, Status Flag	-	Diode Emulation, Status Flag	-
Operating Temperature	-40°C ~ 125°C (TJ)	-	-40°C ~ 125°C (TJ)	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Current - Peak Output	55A	-	55A	-
Applications	General Purpose	-	General Purpose	-
Voltage - Load	8.5V ~ 14V	-	8.5V ~ 14V	-
Interface	PWM	-	PWM	-
Series	-	-	-	-
Rds On (Typ)	-	-	-	-
Fault Protection	Current Limiting, Over Temperature, Short Circuit, UVLO	-	Current Limiting, Over Temperature, Short Circuit, UVLO	-
Mounting Type	Surface Mount	-	Surface Mount	-

### VT1697SBFQX Datasheet PDF

Download VT1697SBFQX pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for VT1697SBFQX - Analog Devices Inc./Maxim Integrated.

#### Datasheets

Cylindrical Battery Holders.pdf

#### Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

Red Phosphorous Certificate.pdf

#### Application Notes



## Customers Also Interested in

### Recommended Products

<b>VT1677SFQR</b> VOLTERRA	<b>VT1697SBF</b> VOLTERRA	<b>VT1697SBFQ+</b> MAX USA CORP.	<b>VT1702S</b> VIA	<b>VT1705CF</b> VT	<b>VT1697SAFQR-008</b> VOLTERRA
<b>VT1697SBFQX+CNR</b> Analog Devices Inc./Maxim Integrated IC REG SW SMART SLAVE QFN	<b>VT1697SCFQX</b> Analog Devices Inc./Maxim Integrated IC HALF BRIDGE DRIVER 16QFN	<b>VT1702S-G</b> VIA	<b>VT1708A</b> VIA	<b>VT1705</b> VIA	<b>VT1677SBFQX+CN8</b> Analog Devices Inc./Maxim Integrated IC POWER MANAGEMENT
<b>VT1697SAFQX</b> VOLTERRA	<b>VT1677SBFQX+CNQ</b> Analog Devices Inc./Maxim Integrated IC INTERFACE CONTROLLER	<b>VT1697SBFQ</b> Analog Devices Inc./Maxim Integrated IC HALF BRIDGE DRIVER 16QFN	<b>VT1697SFQX</b> VOLTEERA	<b>VT1677SBFQX-008</b> Analog Devices Inc./Maxim Integrated IC REG SWITCH	<b>VT1677SFQX</b> VOLTERRA

## 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.

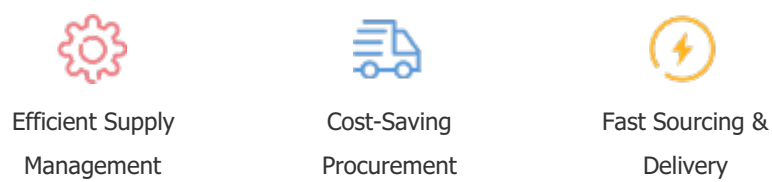
### Payment Support

The payment method can be chosen from the methods shown below:

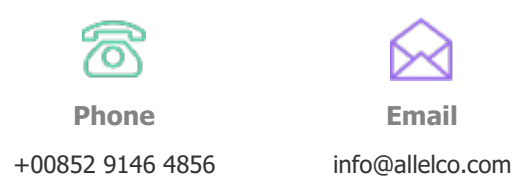
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



[View More](#)