



Image may be representation.
See specifications for product details.

STK554U362C-E

Manufacturer Part Number	STK554U362C-E
Manufacturer	onsemi
Allelco Part Number	32D-STK554U362C-E
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC HALF BRIDGE DRIVER 10A 29SIP
Package	29-SSIP Module, 21 Leads, Formed Leads
Data sheet	STK554U362C-E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



STK554U362C-E - onsemi.New Original in Stock. Download Linear Technology STK554U362C-E datasheet/specifications on AllelcoElec.com.
Request a quote for STK554U362C-E, please send us email: info@allelco.com

Specifications

STK554U362C-E Tech Specifications
STK554U362C-E - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	12.5V ~ 17.5V	Mounting Type	Through Hole
Voltage - Load	450V (Max)	Load Type	Inductive
Technology	IGBT	Interface	Logic
Supplier Device Package	29-SIP	Features	Bootstrap Circuit, Status Flag
Series	-	Fault Protection	Current Limiting, Shoot-Through, UVLO
Rds On (Typ)	-	Current - Peak Output	20A
Package / Case	29-SSIP Module, 21 Leads, Formed Leads	Current - Output / Channel	10A
Package	Bulk	Base Product Number	STK554
Output Configuration	Half Bridge (3)	Applications	AC Motors

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi STK554U362C-E

Product Attribute				
Part Number	STK554U362C-E	STK551U3A2A-E	STK554U392A-E	STK554U362A-E
Manufacturer	onsemi	onsemi	onsemi	onsemi
Rds On (Typ)	-	-	-	-
Base Product Number	STK554	STK551	STK554	STK554
Current - Output / Channel	10A	20A	15A	10A
Features	Bootstrap Circuit, Status Flag	Bootstrap Circuit, Latch Function, Status Flag	Bootstrap Circuit, Status Flag	Bootstrap Circuit, Status Flag
Output Configuration	Half Bridge (3)	Half Bridge (3)	Half Bridge (3)	Half Bridge (3)
Technology	IGBT	IGBT	IGBT	IGBT
Supplier Device Package	29-SIP	29-SIP	29-SIP	29-SIP
Load Type	Inductive	Inductive	Inductive	Inductive
Fault Protection	Current Limiting, Shoot-Through, UVLO	Current Limiting, Shoot-Through, UVLO	Current Limiting, Shoot-Through, UVLO	Current Limiting, Shoot-Through, UVLO
Applications	AC Motors	AC Motors	AC Motors	AC Motors
Series	-	-	-	-
Voltage - Supply	12.5V ~ 17.5V	12.5V ~ 17.5V	12.5V ~ 17.5V	12.5V ~ 17.5V
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Package	Bulk	Bulk	Bulk	Bulk
Current - Peak Output	20A	40A	30A	20A
Package / Case	29-SSIP Module, 21 Leads, Formed Leads	29-SSIP Module, 21 Leads, Formed Leads	29-SSIP Module, 21 Leads, Formed Leads	29-SSIP Module, 21 Leads, Formed Leads
Voltage - Load	450V (Max)	450V (Max)	450V (Max)	450V (Max)
Interface	Logic	Logic	Logic	Logic
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole

STK554U362C-E Datasheet PDF

Download STK554U362C-E pdf datasheets and onsemi documentation for STK554U362C-E - onsemi.

Datasheets

[STK554U362C-E.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)



















[Material Declaration STK554U362C-E.pdf](#)

PCN Assembly/Origin

PCN Obsolescence/ EOL

Customers Also Interested in

Recommended Products

 STK551U3A2A-E onsemi IC HALF BRIDGE DRIVER 20A 29SIP	 STK554U392A AMI Semiconductor/onsemi	 STK554U362A AMI Semiconductor/onsemi	 STK5632D AMI Semiconductor/onsemi	 STK554U3A2A AMI Semiconductor/onsemi	 STK5730 AMI Semiconductor/onsemi IGBT Module
 STK554U392A-E onsemi IC HALF BRIDGE DRIVER 15A 29SIP	 STK563F AMI Semiconductor/onsemi	 STK554U3A1A IR IGBT Module	 STK551U392A AMI Semiconductor/onsemi	 STK554U362A-E onsemi IC HALF BRIDGE DRIVER 10A 29SIP	 STK551U392A-E onsemi IC HALF BRIDGE DRIVER 15A 29SIP
 STK5650-617 AMI Semiconductor/onsemi IGBT Module	 STK5633F AMI Semiconductor/onsemi	 STK551-391A AMI Semiconductor/onsemi IGBT Module	 STK554U394A-E onsemi IC MOTOR DRIVER	 STK551U362A-E onsemi IC HALF BRIDGE DRIVER 10A 29SIP	 STK551-391A3-E onsemi IC MOTOR DRIVER

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
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Contact us if you have any questions.

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Certifications & Memberships



View More

Contact us

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