



## STK551U392A-E Information



For Reference Only

Part Number STK551U392A-E

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Full, Half-Bridge Drivers

Description IC BRIDGE DRIVER PAR 29SIP

Package 29-SSIP Module, 21 Leads, Formed Leads

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## STK551U392A-E Specifications

Manufacturer Part Number         STK551U392A-E           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           PMIC - Full, Half-Bridge Drivers           Package         29-SSIP Module, 21 Leads, Formed Leads           Series         -           Output Configuration         Half Bridge (3)           Applications         AC Motors           Interface         Logic           Load Type         Inductive           Technology         IGBT           Rds On (Typ)         -           Current - Output / Channel         10A           Current - Peak Output         20A           Voltage - Supply         12.5 V ~ 17.5 V           Voltage - Load         450V (Max)           Operating Temperature         -40°C ~ 150°C (TJ)           Features         Bootstrap Circuit, Latch Function, Status Flag           Fault Protection         Current Limiting, Shoot-Through, UVLO           Mounting Type         Through Hole           Package / Case         29-SSIP Module, 21 Leads, Formed Leads           Supplier Device Package         21-SIP		
CategoryIntegrated Circuits (ICs)Package29-SSIP Module, 21 Leads, Formed LeadsSeries-Output ConfigurationHalf Bridge (3)ApplicationsAC MotorsInterfaceLogicLoad TypeInductiveTechnologyIGBTRds On (Typ)-Current - Output / Channel10ACurrent - Peak Output20AVoltage - Supply12.5 V ~ 17.5 VVoltage - Load450V (Max)Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap Circuit, Latch Function, Status FlagFault ProtectionCurrent Limiting, Shoot-Through, UVLOMounting TypeThrough HolePackage / Case29-SSIP Module, 21 Leads, Formed LeadsSupplier Device Package21-SIP	Manufacturer Part Number	STK551U392A-E
Package 29-SSIP Module, 21 Leads, Formed Leads  Series - Output Configuration Half Bridge (3) Applications AC Motors Interface Logic Load Type Inductive Technology IGBT Rds On (Typ) - Current - Output / Channel 10A Current - Peak Output 20A Voltage - Supply 12.5 V ~ 17.5 V Voltage - Load 450V (Max) Operating Temperature -40°C ~ 150°C (TJ) Features Bootstrap Circuit, Latch Function, Status Flag Fault Protection Current Limiting, Shoot-Through, UVLO Mounting Type Through Hole Package / Case 29-SSIP Module, 21 Leads, Formed Leads Supplier Device Package 21-SIP	Manufacturer	ON Semiconductor
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Output ConfigurationHalf Bridge (3)ApplicationsAC MotorsInterfaceLogicLoad TypeInductiveTechnologyIGBTRds On (Typ)-Current - Output / Channel10ACurrent - Peak Output20AVoltage - Supply12.5 V ~ 17.5 VVoltage - Load450V (Max)Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap Circuit, Latch Function, Status FlagFault ProtectionCurrent Limiting, Shoot-Through, UVLOMounting TypeThrough HolePackage / Case29-SSIP Module, 21 Leads, Formed LeadsSupplier Device Package21-SIP	Package	29-SSIP Module, 21 Leads, Formed Leads
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Interface Load Type Inductive  Technology IGBT  Rds On (Typ) - Current - Output / Channel 10A  Current - Peak Output 20A  Voltage - Supply 12.5 V ~ 17.5 V  Voltage - Load 450V (Max)  Operating Temperature -40°C ~ 150°C (TJ)  Features Bootstrap Circuit, Latch Function, Status Flag  Fault Protection Current Limiting, Shoot-Through, UVLO  Mounting Type Through Hole  Package / Case 29-SSIP Module, 21 Leads, Formed Leads  Supplier Device Package 21-SIP	Output Configuration	Half Bridge (3)
Load TypeInductiveTechnologyIGBTRds On (Typ)-Current - Output / Channel10ACurrent - Peak Output20AVoltage - Supply12.5 V ~ 17.5 VVoltage - Load450V (Max)Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap Circuit, Latch Function, Status FlagFault ProtectionCurrent Limiting, Shoot-Through, UVLOMounting TypeThrough HolePackage / Case29-SSIP Module, 21 Leads, Formed LeadsSupplier Device Package21-SIP	Applications	AC Motors
Technology Rds On (Typ) - Current - Output / Channel 10A Current - Peak Output 20A Voltage - Supply 12.5 V ~ 17.5 V Voltage - Load 450V (Max) Operating Temperature -40°C ~ 150°C (TJ) Features Bootstrap Circuit, Latch Function, Status Flag Fault Protection Current Limiting, Shoot-Through, UVLO Mounting Type Through Hole Package / Case 29-SSIP Module, 21 Leads, Formed Leads Supplier Device Package 21-SIP	Interface	Logic
Rds On (Typ)  Current - Output / Channel  10A  Current - Peak Output  20A  Voltage - Supply  12.5 V ~ 17.5 V  Voltage - Load  450V (Max)  Operating Temperature  -40°C ~ 150°C (TJ)  Features  Bootstrap Circuit, Latch Function, Status Flag  Fault Protection  Current Limiting, Shoot-Through, UVLO  Mounting Type  Through Hole  Package / Case  29-SSIP Module, 21 Leads, Formed Leads  Supplier Device Package  21-SIP	Load Type	Inductive
Current - Output / Channel  Current - Peak Output  20A  Voltage - Supply  12.5 V ~ 17.5 V  Voltage - Load  450V (Max)  Operating Temperature  -40°C ~ 150°C (TJ)  Features  Bootstrap Circuit, Latch Function, Status Flag  Fault Protection  Current Limiting, Shoot-Through, UVLO  Mounting Type  Through Hole  Package / Case  29-SSIP Module, 21 Leads, Formed Leads  Supplier Device Package  21-SIP	Technology	IGBT
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Fault Protection Current Limiting, Shoot-Through, UVLO  Mounting Type Through Hole  Package / Case 29-SSIP Module, 21 Leads, Formed Leads  Supplier Device Package 21-SIP	Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type Through Hole Package / Case 29-SSIP Module, 21 Leads, Formed Leads Supplier Device Package 21-SIP	Features	Bootstrap Circuit, Latch Function, Status Flag
Package / Case 29-SSIP Module, 21 Leads, Formed Leads Supplier Device Package 21-SIP	Fault Protection	Current Limiting, Shoot-Through, UVLO
Supplier Device Package 21-SIP	Mounting Type	Through Hole
	Package / Case	29-SSIP Module, 21 Leads, Formed Leads
Report errors?	Supplier Device Package	21-SIP
		Report errors?

#### STK551U392A-E Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### STK551U392A-E Payment Methods



















### STK551U392A-E Shipping Methods













If you have any question about STK551U392A-E, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com