

## **L2293QTR Information**

Part Number L2293QTR

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Full, Half-Bridge Drivers

**Description** IC BRIDGE DRIVER ON/OFF 32VFQFPN

Package 32-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

## **Certified Quality**

For Reference Only

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **L2293QTR Specifications**

Manufacturer Part Number         L2293QTR           Manufacturer         STMicroelectronics           Category         Integrated Circuits (ICs)           PMIC - Full, Half-Bridge Drivers           Package         32-VFQFN Exposed Pad           Series         -           Output Configuration         Half Bridge (4)           Applications         DC Motors, Relays, Solenoids, Stepper Motors           Interface         Logic           Load Type         Inductive           Technology         -           Rds On (Typ)         -           Current - Output / Channel         600mA           Current - Peak Output         1.2A           Voltage - Supply         2.8 V ~ 36 V           Voltage - Load         2.8 V ~ 36 V           Operating Temperature         -20°C ~ 125°C (TJ)           Features         -           Fault Protection         Over Temperature           Mounting Type         Surface Mount           Package / Case         32-VFQFN Exposed Pad           Supplier Device Package         32-VFQFN Exposed Pad           Supplier Device Package         32-VFQFN (5x5)		
Category         Integrated Circuits (ICs)           PMIC - Full, Half-Bridge Drivers           Package         32-VFQFN Exposed Pad           Series         -           Output Configuration         Half Bridge (4)           Applications         DC Motors, Relays, Solenoids, Stepper Motors           Interface         Logic           Load Type         Inductive           Technology         -           Rds On (Typ)         -           Current - Output / Channel         600mA           Current - Peak Output         1.2A           Voltage - Supply         2.8 V ~ 36 V           Voltage - Load         2.8 V ~ 36 V           Operating Temperature         -20°C ~ 125°C (TJ)           Features         -           Fault Protection         Over Temperature           Mounting Type         Surface Mount           Package / Case         32-VFQFN Exposed Pad           Supplier Device Package         32-VFQFN (5x5)	Manufacturer Part Number	L2293QTR
PMIC - Full, Half-Bridge Drivers           Package         32-VFQFN Exposed Pad           Series         -           Output Configuration         Half Bridge (4)           Applications         DC Motors, Relays, Solenoids, Stepper Motors           Interface         Logic           Load Type         Inductive           Technology         -           Rds On (Typ)         -           Current - Output / Channel         600mA           Current - Peak Output         1.2A           Voltage - Supply         2.8 V ~ 36 V           Voltage - Load         2.8 V ~ 36 V           Operating Temperature         -20°C ~ 125°C (TJ)           Features         -           Fault Protection         Over Temperature           Mounting Type         Surface Mount           Package / Case         32-VFQFN Exposed Pad           Supplier Device Package         32-VFQFPN (5x5)	Manufacturer	STMicroelectronics
Package         32-VFQFN Exposed Pad           Series         -           Output Configuration         Half Bridge (4)           Applications         DC Motors, Relays, Solenoids, Stepper Motors           Interface         Logic           Load Type         Inductive           Technology         -           Rds On (Typ)         -           Current - Output / Channel         600mA           Current - Peak Output         1.2A           Voltage - Supply         2.8 V ~ 36 V           Voltage - Load         2.8 V ~ 36 V           Operating Temperature         -20°C ~ 125°C (TJ)           Features         -           Fault Protection         Over Temperature           Mounting Type         Surface Mount           Package / Case         32-VFQFN Exposed Pad           Supplier Device Package         32-VFQFPN (5x5)	Category	Integrated Circuits (ICs)
Series         -           Output Configuration         Half Bridge (4)           Applications         DC Motors, Relays, Solenoids, Stepper Motors           Interface         Logic           Load Type         Inductive           Technology         -           Rds On (Typ)         -           Current - Output / Channel         600mA           Current - Peak Output         1.2A           Voltage - Supply         2.8 V ~ 36 V           Voltage - Load         2.8 V ~ 36 V           Operating Temperature         -20°C ~ 125°C (TJ)           Features         -           Fault Protection         Over Temperature           Mounting Type         Surface Mount           Package / Case         32-VFQFN Exposed Pad           Supplier Device Package         32-VFQFPN (5x5)		PMIC - Full, Half-Bridge Drivers
Output ConfigurationHalf Bridge (4)ApplicationsDC Motors, Relays, Solenoids, Stepper MotorsInterfaceLogicLoad TypeInductiveTechnology-Rds On (Typ)-Current - Output / Channel600mACurrent - Peak Output1.2AVoltage - Supply2.8 V ~ 36 VVoltage - Load2.8 V ~ 36 VOperating Temperature-20°C ~ 125°C (TJ)Features-Fault ProtectionOver TemperatureMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Package	32-VFQFN Exposed Pad
Applications DC Motors, Relays, Solenoids, Stepper Motors Interface Logic Load Type Inductive  Technology - Rds On (Typ) - Current - Output / Channel 600mA Current - Peak Output 1.2A  Voltage - Supply 2.8 V ~ 36 V  Voltage - Load 2.8 V ~ 36 V  Operating Temperature -20°C ~ 125°C (TJ)  Features - Fault Protection Over Temperature  Mounting Type Surface Mount  Package / Case 32-VFQFN Exposed Pad Supplier Device Package 32-VFQFPN (5x5)	Series	-
Interface Logic Load Type Inductive  Technology - Rds On (Typ) - Current - Output / Channel 600mA Current - Peak Output 1.2A  Voltage - Supply 2.8 V ~ 36 V Voltage - Load 2.8 V ~ 36 V Operating Temperature -20°C ~ 125°C (TJ)  Features - Fault Protection Over Temperature  Mounting Type Surface Mount Package / Case 32-VFQFN Exposed Pad Supplier Device Package 32-VFQFPN (5x5)	Output Configuration	Half Bridge (4)
Load TypeInductiveTechnology-Rds On (Typ)-Current - Output / Channel600mACurrent - Peak Output1.2AVoltage - Supply2.8 V ~ 36 VVoltage - Load2.8 V ~ 36 VOperating Temperature-20°C ~ 125°C (TJ)Features-Fault ProtectionOver TemperatureMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Applications	DC Motors, Relays, Solenoids, Stepper Motors
Technology - Gurrent - Output / Channel 600mA  Current - Peak Output 1.2A  Voltage - Supply 2.8 V ~ 36 V  Voltage - Load 2.8 V ~ 36 V  Operating Temperature -20°C ~ 125°C (TJ)  Features - Fault Protection Over Temperature  Mounting Type Surface Mount  Package / Case 32-VFQFN Exposed Pad  Supplier Device Package 32-VFQFPN (5x5)	Interface	Logic
Rds On (Typ)-Current - Output / Channel600mACurrent - Peak Output1.2AVoltage - Supply2.8 V ~ 36 VVoltage - Load2.8 V ~ 36 VOperating Temperature-20°C ~ 125°C (TJ)Features-Fault ProtectionOver TemperatureMounting TypeSurface MountPackage / Case32-VFQFPN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Load Type	Inductive
Current - Output / Channel 600mA  Current - Peak Output 1.2A  Voltage - Supply 2.8 V ~ 36 V  Voltage - Load 2.8 V ~ 36 V  Operating Temperature -20°C ~ 125°C (TJ)  Features -  Fault Protection Over Temperature  Mounting Type Surface Mount  Package / Case 32-VFQFN Exposed Pad  Supplier Device Package 32-VFQFPN (5x5)	Technology	-
Current - Peak Output  1.2A  Voltage - Supply  2.8 V ~ 36 V  Voltage - Load  2.8 V ~ 36 V  Operating Temperature  -20°C ~ 125°C (TJ)  Features  - Fault Protection  Over Temperature  Mounting Type  Surface Mount  Package / Case  32-VFQFN Exposed Pad  Supplier Device Package  32-VFQFPN (5x5)	Rds On (Typ)	-
Voltage - Supply $2.8 \text{ V} \sim 36 \text{ V}$ Voltage - Load $2.8 \text{ V} \sim 36 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ)  Features -  Fault Protection Over Temperature  Mounting Type Surface Mount  Package / Case $32\text{-VFQFN}$ Exposed Pad  Supplier Device Package $32\text{-VFQFN}$ (5x5)	Current - Output / Channel	600mA
Voltage - Load  2.8 V ~ 36 V  Operating Temperature  -20°C ~ 125°C (TJ)  Features  - Fault Protection  Over Temperature  Mounting Type  Surface Mount  Package / Case  32-VFQFN Exposed Pad  Supplier Device Package  32-VFQFPN (5x5)	Current - Peak Output	1.2A
Operating Temperature  -20°C ~ 125°C (TJ)  Features  - Fault Protection  Over Temperature  Mounting Type  Surface Mount  Package / Case  32-VFQFN Exposed Pad  Supplier Device Package  32-VFQFN (5x5)	Voltage - Supply	2.8 V ~ 36 V
Features - Fault Protection Over Temperature Mounting Type Surface Mount Package / Case 32-VFQFN Exposed Pad Supplier Device Package 32-VFQFPN (5x5)	Voltage - Load	2.8 V ~ 36 V
Fault Protection  Over Temperature  Mounting Type  Surface Mount  Package / Case  32-VFQFN Exposed Pad  Supplier Device Package  32-VFQFPN (5x5)	Operating Temperature	-20°C ~ 125°C (TJ)
Mounting Type Surface Mount  Package / Case 32-VFQFN Exposed Pad  Supplier Device Package 32-VFQFPN (5x5)	Features	-
Package / Case 32-VFQFN Exposed Pad Supplier Device Package 32-VFQFPN (5x5)	Fault Protection	Over Temperature
Supplier Device Package 32-VFQFPN (5x5)	Mounting Type	Surface Mount
	Package / Case	32-VFQFN Exposed Pad
Report errors?	Supplier Device Package	32-VFQFPN (5x5)
		Report errors?

## **L2293QTR 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.

## **L2293QTR Payment Methods**



















## **L2293QTR Shipping Methods**













If you have any question about L2293QTR, please do not hesitate to contact us!

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