

L6388E Information



For Reference Only

Part Number L6388E

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER HI/LO SIDE HV 8-DIP

Package 8-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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



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L6388E Specifications

Manufacturer Part Number L6388E Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package 8-DIP (0.300", 7.62mm) Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 17V (Max) Logic Voltage - VIL, VIH 1.IV, 1.8V Current - Peak Output (Source, Sink) 400mA, 650mA Input Type Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 70ns, 40ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP		
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Number of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply17V (Max)Logic Voltage - VIL, VIH1.1V, 1.8VCurrent - Peak Output (Source, Sink)400mA, 650mAInput TypeInvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)70ns, 40nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP	Driven Configuration	Half-Bridge
Gate Type Voltage - Supply Logic Voltage - VIL, VIH 1.1V, 1.8V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Operating Type Through Hole Package / Case Supplier Device Package IGBT, N-Channel MOSFET 17V (Max) 1.1V, 1.8V 400mA, 650mA Inverting 600V 70ns, 40ns -40°C ~ 125°C (TJ) Through Hole 8-DIP (0.300", 7.62mm) 8-DIP	Channel Type	Independent
Voltage - Supply Logic Voltage - VIL, VIH 1.1V, 1.8V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH1.1V, 1.8VCurrent - Peak Output (Source, Sink)400mA, 650mAInput TypeInvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)70ns, 40nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP	Gate Type	IGBT, N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Voltage - Supply	17V (Max)
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Logic Voltage - VIL, VIH	1.1V, 1.8V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 70ns, 40ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Current - Peak Output (Source, Sink)	400mA, 650mA
Rise / Fall Time (Typ) 70ns, 40 ns Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ) Mounting Type Through Hole Package / Case 8-DIP $(0.300^{\circ}, 7.62 \text{mm})$ Supplier Device Package 8-DIP	Input Type	Inverting
Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	High Side Voltage - Max (Bootstrap)	600V
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Rise / Fall Time (Typ)	70ns, 40ns
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package 8-DIP	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-DIP
		Report errors?

L6388E 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.

L6388E Payment Methods



















L6388E Shipping Methods













If you have any question about L6388E, please do not hesitate to contact us!

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