

L6388D Information



For Reference Only

Part Number L6388D

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER HI/LO SIDE HV 8-SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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L6388D Specifications

Manufacturer Part NumberL6388DManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Package8-SOIC (0.154", 3.90mm Width)Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber 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 TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO		
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Driven Configuration Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply I7V (Max) 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 Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Package	8-SOIC (0.154", 3.90mm Width)
Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 17V (Max) Logic Voltage - VIL, VIH 1.1V, 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 Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Series	-
Number of Drivers Gate Type IGBT, N-Channel MOSFET Voltage - Supply 17V (Max) 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 Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Driven Configuration	Half-Bridge
Gate Type IGBT, N-Channel MOSFET Voltage - Supply 17V (Max) 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 Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	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 Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) 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 TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO	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 Operating Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) 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 Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Logic Voltage - VIL, VIH	1.1V, 1.8V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Current - Peak Output (Source, Sink)	400mA, 650mA
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Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	High Side Voltage - Max (Bootstrap)	600V
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Rise / Fall Time (Typ)	70ns, 40ns
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package 8-SO	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SO
		Report errors?

L6388D 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.

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L6388D Shipping Methods













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