

L6743D Information



For Reference Only

Part Number L6743D

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC MOSFET DRIVER DUAL 8SOIC **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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L6743D Specifications

Manufacturer Part Number L6743D Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) Series - Driven Configuration Half-Bridge Channel Type Synchronous Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 5 V ~ 12 V Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) 2A, - Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 41V Rise / Fall Time (Typ) - Operating Temperature 0°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO		
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Gate TypeN-Channel MOSFETVoltage - Supply5 V ~ 12 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)2A, -Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)41VRise / Fall Time (Typ)-Operating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO	Channel Type	Synchronous
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature 0°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, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)2A, -Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)41VRise / Fall Time (Typ)-Operating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature O°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Supply	5 V ~ 12 V
Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature O°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Logic Voltage - VIL, VIH	0.8V, 2V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature O°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)	2A, -
Rise / Fall Time (Typ) Operating Temperature 0°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Input Type	Non-Inverting
Operating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO	High Side Voltage - Max (Bootstrap)	41V
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Rise / Fall Time (Typ)	-
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Operating Temperature	0°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?

L6743D Guarantees



Quality Guarantees

We provide 90 days warranty. *

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Service Guarantees

We guarantee 100% customer satisfaction.

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

L6743D Payment Methods



















L6743D Shipping Methods













If you have any question about L6743D, please do not hesitate to contact us!

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