



FAN73832MX_WS Information



For Reference Only

Part Number FAN73832MX_WS

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC GATE DRIVER HI/LOW SIDE 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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FAN73832MX_WS Specifications

Manufacturer Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 8-SOIC (0.154", 3.90mm Width) Series - Driven Configuration Half-Bridge Channel Type Synchronous Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 15 V ~ 20 V Logic Voltage - VIL, VIH 1.2V, 2.9V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)		
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Series-Driven ConfigurationHalf-BridgeChannel TypeSynchronousNumber of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply15 V ~ 20 VLogic Voltage - VIL, VIH1.2V, 2.9VCurrent - Peak Output (Source, Sink)350mA, 650mAInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)50ns, 30nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)		PMIC - Gate Drivers
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Number of Drivers Gate Type IGBT, N-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH Logic Voltage - VIL, VIH 1.2V, 2.9V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Driven Configuration	Half-Bridge
Gate Type IGBT, N-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 1.2V, 2.9V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case IGBT, N-Channel MOSFET 15 V ~ 20 V 1.2V, 2.9V 1.2V, 2.9V 050mA 850mA Non-Inverting 600V 50ns, 30ns 50ns, 30ns 40°C ~ 150°C (TJ) Surface Mount	Channel Type	Synchronous
Voltage - Supply Logic Voltage - VIL, VIH 1.2V, 2.9V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 50ns, 30ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Number of Drivers	2
Logic Voltage - VIL, VIH 1.2V, 2.9V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 50ns, 30ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Gate Type	IGBT, N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 50ns, 30ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply	15 V ~ 20 V
Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 50ns, 30ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Logic Voltage - VIL, VIH	1.2V, 2.9V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 50ns, 30ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Peak Output (Source, Sink)	350mA, 650mA
Rise / Fall Time (Typ) 50ns, 30ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Input Type	Non-Inverting
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C (TJ)}$ Mounting Type Surface Mount Package / Case $8-\text{SOIC } (0.154^{\circ}\text{, } 3.90\text{mm Width})$	High Side Voltage - Max (Bootstrap)	600V
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Rise / Fall Time (Typ)	50ns, 30ns
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 150°C (TJ)
	Mounting Type	Surface Mount
Supplier Device Package 8-SOIC	Package / Case	8-SOIC (0.154", 3.90mm Width)
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Report errors?		Report errors?

FAN73832MX_WS 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.

FAN73832MX_WS Payment Methods



















FAN73832MX_WS Shipping Methods













If you have any question about FAN73832MX_WS, please do not hesitate to contact us!

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