



FAN3278TMX Information



For Reference Only

Part Number FAN3278TMX

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC BRIDGE DVR P-N 2A 30V 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



Request a Quote

Certified Quality

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.









FAN3278TMX Specifications

Manufacturer Part Number Manufacturer ON Semiconductor Integrated Circuits (ICs) PMIC - Gate Drivers Package 8-SOIC (0.154", 3.90mm Width) Series - Driven Configuration Channel Type Independent Number of Drivers 2 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH O.8V, 2.25V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Package / Case 8-SOIC (0.154", 3.90mm Width) Control of Drivers 2 Surface Mount Surface Mount Surface Mount Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)		
Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 8-SOIC (0.154", 3.90mm Width) Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 8 V ~ 27 V Logic Voltage - VIL, VIH 0.8V, 2.25V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	FAN3278TMX
Package 8-SOIC (0.154", 3.90mm Width) Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 8 V ~ 27 V Logic Voltage - VIL, VIH 0.8V, 2.25V Current - Peak Output (Source, Sink) 1A, 1.5A Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 21ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer	ON Semiconductor
Package8-SOIC (0.154", 3.90mm Width)Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply8 V ~ 27 VLogic Voltage - VIL, VIH0.8V, 2.25VCurrent - Peak Output (Source, Sink)1A, 1.5AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)21ns, 8nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 8 V ~ 27 V Logic Voltage - VIL, VIH 0.8V, 2.25V Current - Peak Output (Source, Sink) 1A, 1.5A Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 21ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)		PMIC - Gate Drivers
Driven Configuration Channel Type Independent Number of Drivers 2 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2.25V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
Channel Type Independent Number of Drivers 2 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 8 V ~ 27 V Logic Voltage - VIL, VIH 0.8V, 2.25V Current - Peak Output (Source, Sink) 1A, 1.5A Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 21ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Series	-
Number of Drivers Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 8 V ~ 27 V Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 21ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Driven Configuration	Half-Bridge
Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply8 V ~ 27 VLogic Voltage - VIL, VIH0.8V, 2.25VCurrent - Peak Output (Source, Sink)1A, 1.5AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)21ns, 8nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Channel Type	Independent
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2.25V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 21ns, 8ns Operating Temperature -55°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 Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Gate Type	N-Channel, P-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 21ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply	8 V ~ 27 V
Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 21ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Logic Voltage - VIL, VIH	0.8V, 2.25V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 21ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Peak Output (Source, Sink)	1A, 1.5A
Rise / Fall Time (Typ) 21ns, 8ns Operating Temperature $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Input Type	Inverting, Non-Inverting
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Rise / Fall Time (Typ)	21ns, 8ns
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-55°C ~ 150°C (TJ)
	Mounting Type	Surface Mount
0.0070	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report errors?		Report errors?

FAN3278TMX 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.

FAN3278TMX Payment Methods



















FAN3278TMX Shipping Methods













If you have any question about FAN3278TMX, please do not hesitate to contact us!

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