



FAN3224TMPX Information



For Reference Only

Part Number FAN3224TMPX

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC GATE DVR DUAL 4A 8-MLP

Package 8-WDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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FAN3224TMPX Specifications

Manufacturer Part Number Manufacturer Fairchild/ON Semiconductor Integrated Circuits (ICs) PMIC - Gate Drivers Package 8-WDFN Exposed Pad Series - Driven Configuration Low-Side Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V 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 Package / Case S-WDFN Exposed Pad S-MILP (3x3)		
Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 8-WDFN Exposed Pad Series - Driven Configuration Low-Side Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V 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 Operating Type Surface Mount Package / Case 8-WDFN Exposed Pad	Manufacturer Part Number	FAN3224TMPX
Package 8-WDFN Exposed Pad Series - Driven Configuration Low-Side Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) 5A, 5A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 12ns, 9ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-WDFN Exposed Pad	Manufacturer	Fairchild/ON Semiconductor
Package8-WDFN Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)5A, 5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)12ns, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-WDFN Exposed Pad	Category	Integrated Circuits (ICs)
Series - Configuration Low-Side Low-Side Independent Independent Sumber of Drivers 2		PMIC - Gate Drivers
Driven Configuration Low-Side Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V 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 -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-WDFN Exposed Pad	Package	8-WDFN Exposed Pad
Channel Type Number of Drivers 2 Gate Type N-Channel MOSFET 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 -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-WDFN Exposed Pad	Series	-
Number of Drivers Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V 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 -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-WDFN Exposed Pad	Driven Configuration	Low-Side
Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)5A, 5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)12ns, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-WDFN Exposed Pad	Channel Type	Independent
Voltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)5A, 5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)12ns, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-WDFN Exposed Pad	Number of Drivers	2
Logic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)5A, 5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)12ns, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-WDFN Exposed Pad	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 Operating Type Surface Mount Package / Case S-WDFN Exposed Pad	Voltage - Supply	4.5 V ~ 18 V
Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 12ns, 9ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-WDFN Exposed Pad	Logic Voltage - VIL, VIH	0.8V, 2V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 12ns, 9ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-WDFN Exposed Pad	Current - Peak Output (Source, Sink)	5A, 5A
Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-WDFN Exposed Pad	Input Type	Non-Inverting
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-WDFN Exposed Pad	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount Package / Case 8-WDFN Exposed Pad	Rise / Fall Time (Typ)	12ns, 9ns
Package / Case 8-WDFN Exposed Pad	Operating Temperature	-55°C ~ 150°C (TJ)
-	Mounting Type	Surface Mount
Supplier Device Package 8-MLP (3x3)	Package / Case	8-WDFN Exposed Pad
	Supplier Device Package	8-MLP (3x3)
Report errors?		Report errors?

FAN3224TMPX 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.

FAN3224TMPX Payment Methods



















FAN3224TMPX Shipping Methods













If you have any question about FAN3224TMPX, please do not hesitate to contact us!

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