

FAN3100TMPX

FAN3100TMPX Information





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FAN3100TMPX Specifications

Manufacturer Part NumberFAN3100TMPXManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)Package6-VDFN Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)A.3 AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Operating Temperature-55° ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	-	
CategoryIntegrated Circuits (ICs)PAIC - Gate DriversPackage6-VDFN Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VLourent - Peak Output (Source, Sink)1Norting, Non-InvertingHigh Side Voltage - Max (Boostrap)-Kise / Fall Time (Typ)1Sins, 9nsOperating Type-St°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-VDFN Exposed Pad	Manufacturer Part Number	FAN3100TMPX
PMIC - Gate DriversPackage6-VDFN Exposed PadSeries-Driven ConfigurationLow-SideChanel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)3A, 3AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Kise / Fall Time (Typ)Jins, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Manufacturer	ON Semiconductor
Package6-VDFN Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)Jnverting, Non-InvertingInput Type-Kigh Fall Time (Typ)Jans, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Category	Integrated Circuits (ICs)
Series-Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)3A, 3AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Sise / Fall Time (Typ)13ns, 9nsOperating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)		PMIC - Gate Drivers
Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)3A, 3AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Size / Fall Time (Typ)Jins, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Package	6-VDFN Exposed Pad
Channel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)3A, 3AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Size / Fall Time (Typ)13ns, 9nsOperating Temperature55° C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Series	-
Number of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)3A, 3AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)13ns, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Driven Configuration	Low-Side
Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)3A, 3AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)13ns, 9nsOperating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Channel Type	Single
Voltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)3A, 3AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)13ns, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Number of Drivers	1
Logic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)3A, 3AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)13ns, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink)3A, 3AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)13ns, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Voltage - Supply	4.5 V ~ 18 V
Input TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)13ns, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Logic Voltage - VIL, VIH	0.8V, 2V
High Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)13ns, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Current - Peak Output (Source, Sink)	3A, 3A
Rise / Fall Time (Typ)13ns, 9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Input Type	Inverting, Non-Inverting
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	High Side Voltage - Max (Bootstrap)	-
Mounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Rise / Fall Time (Typ)	13ns, 9ns
Package / Case6-VDFN Exposed PadSupplier Device Package6-MLP (2x2)	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package6-MLP (2x2)	Mounting Type	Surface Mount
	Package / Case	6-VDFN Exposed Pad
Report errors?	Supplier Device Package	6-MLP (2x2)
		Report errors?

FAN3100TMPX 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.

FAN3100TMPX Payment Methods



FAN3100TMPX Shipping Methods



If you have any question about FAN3100TMPX, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com