



TPS2830PWP Information



Part Number TPS2830PWP

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

DescriptionIC NONINV SYN FET DRVR 14-HTSSOPPackage14-TSSOP (0.173", 4.40mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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TPS2830PWP Specifications

Manufacturer Part NumberTPS2830PWPManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage14-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Driven ConfigurationHigh-SideChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)2.7A, 2.4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)28VRise / Fall Time (Typ)50ns, 50nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case14-TSSOP (0.173", 4.40mm Width) Exposed Pad	•	
Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Driven Configuration High-Side Channel Type Synchronous Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 15 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 125°C (TJ) Mounting Type	Manufacturer Part Number	TPS2830PWP
PMIC - Gate Drivers Package 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Driven Configuration High-Side Channel Type Synchronous Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 15 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) 2.7A, 2.4A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 28V Rise / Fall Time (Typ) 50ns, 50ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Manufacturer	Texas Instruments
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Series - Driven Configuration High-Side Channel Type Synchronous Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 15 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) 2.7A, 2.4A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 28V Rise / Fall Time (Typ) 50ns, 50ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount		PMIC - Gate Drivers
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Channel Type Synchronous Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 15 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Series	-
Number of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)2.7A, 2.4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)28VRise / Fall Time (Typ)50ns, 50nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface Mount	Driven Configuration	High-Side
Gate TypeN-Channel MOSFETVoltage - Supply $4.5 \text{ V} \sim 15 \text{ V}$ Logic Voltage - VIL, VIH-Current - Peak Output (Source, Sink) $2.7A$, $2.4A$ Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap) $28V$ Rise / Fall Time (Typ) $50ns$, $50ns$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ)Mounting TypeSurface Mount	Channel Type	Synchronous
Voltage - Supply Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 125°C (TJ) Mounting Type 4.5 V ~ 15 V - Non-Inverting Surface Mount	Number of Drivers	2
Logic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)2.7A, 2.4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)28VRise / Fall Time (Typ)50ns, 50nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface Mount	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 -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Voltage - Supply	4.5 V ~ 15 V
Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 28V Rise / Fall Time (Typ) 50ns, 50ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Logic Voltage - VIL, VIH	-
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 50ns, 50ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Current - Peak Output (Source, Sink)	2.7A, 2.4A
Rise / Fall Time (Typ) $50 \text{ns}, 50 \text{ns}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 125 ^{\circ}\text{C}$ (TJ) Mounting Type Surface Mount	Input Type	Non-Inverting
Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	High Side Voltage - Max (Bootstrap)	28V
Mounting Type Surface Mount	Rise / Fall Time (Typ)	50ns, 50ns
	Operating Temperature	-40°C ~ 125°C (TJ)
Package / Case 14-TSSOP (0.173", 4.40mm Width) Exposed Pad	Mounting Type	Surface Mount
	Package / Case	14-TSSOP (0.173", 4.40mm Width) Exposed Pad
Supplier Device Package 14-HTSSOP	Supplier Device Package	14-HTSSOP
Report errors?		Report errors?

TPS2830PWP 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.

TPS2830PWP Payment Methods



















TPS2830PWP Shipping Methods













If you have any question about TPS2830PWP, please do not hesitate to contact us!

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