



TPS2830DRG4 Information



For Reference Only

Part Number TPS2830DRG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC NONINV SYN FET DRVR 14-SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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TPS2830DRG4 Specifications

Manufacturer Part Number TPS2830DRG4 Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package 14-SOIC (0.154", 3.90mm Width) 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 Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC		
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Number of Drivers 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 Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Driven Configuration	High-Side
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 Ao°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	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 Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Sons, 50ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	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 Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Supply	4.5 V ~ 15 V
Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 50ns, 50ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	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 Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Current - Peak Output (Source, Sink)	2.7A, 2.4A
Rise / Fall Time (Typ)50ns, 50nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Input Type	Non-Inverting
Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	High Side Voltage - Max (Bootstrap)	28V
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Rise / Fall Time (Typ)	50ns, 50ns
Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package 14-SOIC	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	14-SOIC
		Report errors?

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Our experienced sales team and tech support team back our services to satisfy all our customers.

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TPS2830DRG4 Shipping Methods













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