



UCC37321DG4 Information



For Reference Only

Part Number UCC37321DG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC MOSFET DRVR SGL HS 9A 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



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UCC37321DG4 Specifications

Manufacturer Part Number UCC37321DG4 Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 8-SOIC (0.154", 3.90mm Width) Series - Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4 V ~ 15 V Logic Voltage - VIL, VIH 1.1V, 2.7V Current - Peak Output (Source, Sink) 9A, 9A Input Type Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 20ns, 20ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC		
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Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4 V ~ 15 V Logic Voltage - VIL, VIH 1.1V, 2.7V Current - Peak Output (Source, Sink) Input Type 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) Supplier Device Package	Channel Type	Single
Voltage - Supply Logic Voltage - VIL, VIH 1.1V, 2.7V Current - Peak Output (Source, Sink) Input Type 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) Supplier Device Package	Number of Drivers	1
Logic Voltage - VIL, VIH1.1V, 2.7VCurrent - Peak Output (Source, Sink)9A, 9AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 20nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Gate Type	N-Channel, P-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type 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) Supplier Device Package	Voltage - Supply	4 V ~ 15 V
Input Type 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) Supplier Device Package	Logic Voltage - VIL, VIH	1.1V, 2.7V
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) Supplier Device Package	Current - Peak Output (Source, Sink)	9A, 9A
Rise / Fall Time (Typ) 20ns, 20ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Input Type	Inverting
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Rise / Fall Time (Typ)	20ns, 20ns
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

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UCC37321DG4 Shipping Methods













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