



UCC27211DDAR Information



For Reference Only

Part Number UCC27211DDAR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DVR HIGH/LOW SIDE 4A 8SOPWR **Package** 8-PowerSOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









UCC27211DDAR Specifications

Manufacturer Part Number UCC27211DDAR Manufacturer Texas Instruments Category Integrated Circuits (ICs) PACKAGE 8-PowerSOIC (0.154", 3.90mm Width) Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 17 V Logic Voltage - VIL, VIH 1.3V, 2.8V Current - Peak Output (Source, Sink) 4A, 4A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 120V Rise / Fall Time (Typ) 7.2ns, 5.5ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO PowerPad		
Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 8-PowerSOIC (0.154", 3.90mm Width) Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 17 V Logic Voltage - VIL, VIH 1.3V, 2.8V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 120V Rise / Fall Time (Typ) 7.2ns, 5.5ns Operating Temperature A0°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package	Manufacturer Part Number	UCC27211DDAR
Package 8-PowerSOIC (0.154", 3.90mm Width) Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 17 V Logic Voltage - VIL, VIH 1.3V, 2.8V Current - Peak Output (Source, Sink) 4A, 4A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 120V Rise / Fall Time (Typ) 7.2ns, 5.5ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO PowerPad	Manufacturer	Texas Instruments
Package8-PowerSOIC (0.154", 3.90mm Width)Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 17 VLogic Voltage - VIL, VIH1.3V, 2.8VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)120VRise / Fall Time (Typ)7.2ns, 5.5nsOperating Temperature-40°C ~ 140°C (TJ)Mounting TypeSurface MountPackage / Case8-PowerSOIC (0.154", 3.90mm Width)Supplier Device Package8-SO PowerPad	Category	Integrated Circuits (ICs)
Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 17 V Logic Voltage - VIL, VIH 1.3V, 2.8V Current - Peak Output (Source, Sink) 4A, 4A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 120V Rise / Fall Time (Typ) 7.2ns, 5.5ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO PowerPad		PMIC - Gate Drivers
Driven Configuration Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH Logic Voltage - VIL, VIH Lurrent - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package	Package	8-PowerSOIC (0.154", 3.90mm Width)
Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 17 V Logic Voltage - VIL, VIH 1.3V, 2.8V Current - Peak Output (Source, Sink) 4A, 4A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 120V Rise / Fall Time (Typ) 7.2ns, 5.5ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO PowerPad	Series	-
Number of Drivers Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 17 V Logic Voltage - VIL, VIH 1.3V, 2.8V Current - Peak Output (Source, Sink) 4A, 4A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 120V Rise / Fall Time (Typ) 7.2ns, 5.5ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package	Driven Configuration	Half-Bridge
Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 17 VLogic Voltage - VIL, VIH1.3V, 2.8VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)120VRise / Fall Time (Typ)7.2ns, 5.5nsOperating Temperature-40°C ~ 140°C (TJ)Mounting TypeSurface MountPackage / Case8-PowerSOIC (0.154", 3.90mm Width)Supplier Device Package8-SO PowerPad	Channel Type	Independent
Voltage - Supply Logic Voltage - VIL, VIH 1.3V, 2.8V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 7.2ns, 5.5ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH 1.3V, 2.8V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 120V Rise / Fall Time (Typ) 7.2ns, 5.5ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO PowerPad	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 ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Supply	8 V ~ 17 V
Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 120V Rise / Fall Time (Typ) 7.2ns, 5.5ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO PowerPad	Logic Voltage - VIL, VIH	1.3V, 2.8V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 7.2ns, 5.5ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO PowerPad	Current - Peak Output (Source, Sink)	4A, 4A
Rise / Fall Time (Typ) 7.2ns, 5.5ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO PowerPad	Input Type	Non-Inverting
Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO PowerPad	High Side Voltage - Max (Bootstrap)	120V
Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO PowerPad	Rise / Fall Time (Typ)	7.2ns, 5.5ns
Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO PowerPad	Operating Temperature	-40°C ~ 140°C (TJ)
Supplier Device Package 8-SO PowerPad	Mounting Type	Surface Mount
	Package / Case	8-PowerSOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SO PowerPad
		Report errors?

UCC27211DDAR 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.

UCC27211DDAR Payment Methods



















UCC27211DDAR Shipping Methods













If you have any question about UCC27211DDAR, please do not hesitate to contact us!

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