



UCC27200DDA Information



For Reference Only

Part Number UCC27200DDA

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DVR HIGH/LOW SIDE 3A 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



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UCC27200DDA Specifications

Manufacturer Part NumberUCC27200DDAManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)PACKage8-PowerSOIC (0.154", 3.90mm Width)Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 17 VLogic Voltage - VIL, VIH3V, 8VCurrent - Peak Output (Source, Sink)3A, 3AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)120VRise / Fall Time (Typ)8ns, 7nsOperating Temperature-40°C ~ 140°C (TJ)Mounting TypeSurface MountPackage / Case8-PowerSOIC (0.154", 3.90mm Width)Supplier Device Package8-SO PowerPad		
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Number of Drivers Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 17 V Logic Voltage - VIL, VIH 3V, 8V 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	Driven Configuration	Half-Bridge
Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 17 V Logic Voltage - VIL, VIH 3V, 8V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 120V Rise / Fall Time (Typ) 8ns, 7ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount Package / Case 8-PowerSOIC (0.154", 3.90mm Width) Supplier Device Package	Channel Type	Independent
Voltage - Supply Logic Voltage - VIL, VIH 3V, 8V 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	Number of Drivers	2
Logic Voltage - VIL, VIH3V, 8VCurrent - Peak Output (Source, Sink)3A, 3AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)120VRise / Fall Time (Typ)8ns, 7nsOperating Temperature-40°C ~ 140°C (TJ)Mounting TypeSurface MountPackage / Case8-PowerSOIC (0.154", 3.90mm Width)Supplier Device Package8-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) Rise / Fall Time (Typ) 8ns, 7ns 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	3V, 8V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 8ns, 7ns 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)	3A, 3A
Rise / Fall Time (Typ) 8ns, 7ns 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)	8ns, 7ns
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?

UCC27200DDA 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.

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UCC27200DDA Shipping Methods













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