



### **UCC27201DDAR Information**



For Reference Only

Part Number UCC27201DDAR

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

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### **UCC27201DDAR Specifications**

Manufacturer Part NumberUCC27201DDARManufacturerTexas 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, VIH0.8V, 2.5VCurrent - 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		
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  0.8V, 2.5V  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	Manufacturer Part Number	UCC27201DDAR
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Driven Configuration  Channel Type  Independent  Number of Drivers  2  Gate Type  N-Channel MOSFET  Voltage - Supply  Logic Voltage - VIL, VIH  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 ~ 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)
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Number of Drivers  Gate Type  N-Channel MOSFET  Voltage - Supply  8 V ~ 17 V  Logic Voltage - VIL, VIH  0.8V, 2.5V  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 TypeN-Channel MOSFETVoltage - Supply8 V ~ 17 VLogic Voltage - VIL, VIH0.8V, 2.5VCurrent - 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	Channel Type	Independent
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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	0.8V, 2.5V
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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
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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?

#### **UCC27201DDAR 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.

## **UCC27201DDAR Payment Methods**



















### **UCC27201DDAR Shipping Methods**













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