

UCC27200DG4 Information



For Reference Only

Part Number UCC27200DG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

DescriptionIC DVR HIGH/LOW SIDE 3A 8SOICPackage8-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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UCC27200DG4 Specifications

| Manufacturer Part Number UCC27200DG4 Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package 8-SOIC (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 3V, 8V Current - Peak Output (Source, Sink) 3A, 3A 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-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC | | |
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| Package8-SOIC (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-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC | Category | Integrated Circuits (ICs) |
| 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-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC | | PMIC - Gate Drivers |
| Driven Configuration Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET 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-SOIC (0.154", 3.90mm Width) Supplier Device Package | Package | 8-SOIC (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 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-SOIC (0.154", 3.90mm Width) Supplier Device Package | Driven Configuration | Half-Bridge |
| Gate 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-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC | 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-SOIC (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-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC | 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-SOIC (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) Surface Mount Package / Case Supplier Device Package Non-Inverting Non-Inverting Non-Inverting Non-Inverting Surface Surfac | 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-SOIC (0.154", 3.90mm Width) Supplier Device Package | 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-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC | Input Type | Non-Inverting |
| Operating Temperature -40°C ~ 140°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) | 120V |
| Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC | Rise / Fall Time (Typ) | 8ns, 7ns |
| Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC | Operating Temperature | -40°C ~ 140°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? |

UCC27200DG4 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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UCC27200DG4 Shipping Methods













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