

UCC27325DGNR

UCC27325DGNR Information

	Part Number	UCC27325DGNR	
	Manufacturer	Texas Instruments	[] 의 수 위 []
www.heichmer.com	Category	Integrated Circuits (ICs) PMIC - Gate Drivers	
	Description	IC MOSFET DRIVR DUAL HS 4A 8MSOP	- 330 746
10000	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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UCC27325DGNR Specifications

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIHIV, 2VCurrent - Peak Output (Source, Sink)A.4 AAInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Boostrap)-Kise / Fall Time (Typ)Ons, 15nsOperating TemperatureSurGace MountMounting TypeSurface Mount			
CategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIHINverting, Non-InvertingInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Kise / Fall Time (Typ)20ns, 15nsOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Manufacturer Part Number	UCC27325DGNR	
PMIC - Gate DriversPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIHIV, 2VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Kise / Fall Time (Typ)20ns, 15nsOperating TemperatureSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Manufacturer	Texas Instruments	
Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIHIV, 2VCurrent - Peak Output (Source, Sink)4.4 A4Input TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Size / Fall Time (Typ)20ns, 15nsOperating TemperatureSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Category	Integrated Circuits (ICs)	
Series-Series-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIHIV, 2VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 15nsOperating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad		PMIC - Gate Drivers	
Driven ConfigurationLow-SideDriven ConfigurationIndependentChannel Type2Number of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIHIV, 2VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Kise / Fall Time (Typ)20ns, 15nsOperating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	
Channel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIHIV, 2VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Ster / Fall Time (Typ)20ns, 15nsOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Series	-	
Number of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIHIV, 2VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 15nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Driven Configuration	Low-Side	
Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIHIV, 2VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 15nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Channel Type	Independent	
Voltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH1V, 2VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 15nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Number of Drivers	2	
Logic Voltage - VIL, VIHIV, 2VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Kise / Fall Time (Typ)20ns, 15nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Gate Type	N-Channel, P-Channel MOSFET	
Current - Peak Output (Source, Sink)4A, 4AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 15nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Voltage - Supply	4.5 V ~ 15 V	
Input TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 15nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Logic Voltage - VIL, VIH	1V, 2V	
High Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 15nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Current - Peak Output (Source, Sink)	4A, 4A	
Rise / Fall Time (Typ)20ns, 15nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Input Type	Inverting, Non-Inverting	
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	High Side Voltage - Max (Bootstrap)	-	
Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Rise / Fall Time (Typ)	20ns, 15ns	
Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Operating Temperature	-55°C ~ 150°C (TJ)	
Supplier Device Package 8-MSOP-PowerPad	Mounting Type	Surface Mount	
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	
Report errors?	Supplier Device Package	8-MSOP-PowerPad	
			Report errors?

UCC27325DGNR 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

UCC27325DGNR Payment Methods



UCC27325DGNR Shipping Methods



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