



UCC27526DSDT Information



For Reference Only

Part Number UCC27526DSDT

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC GATE DVR LO-SIDE DL 5A 8SON

Package 8-WDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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UCC27526DSDT Specifications

Manufacturer Part Number Manufacturer Texas Instruments Integrated Circuits (ICs) PMIC - Gate Drivers Package 8-WDFN Exposed Pad Series - Driven Configuration Channel Type Independent Number of Drivers Gate Type IGBT, N-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH Lurent - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Mounting Type Surface Mount Package / Case S-WDFN Exposed Pad		
Category Integrated Circuits (ICs) PMIC - Gate Drivers 8-WDFN Exposed Pad Series - Driven Configuration Low-Side Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V Logic Voltage - VIL, VIH 1V, 2.3V Current - Peak Output (Source, Sink) Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type Integrated Circuits (ICs) PMIC - Gate Drivers 8-WDFN Exposed Pad 1-WOFN Exposed Pad	Manufacturer Part Number	UCC27526DSDT
Package 8-WDFN Exposed Pad Series - Driven Configuration Low-Side Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V Logic Voltage - VIL, VIH 1V, 2.3V Current - Peak Output (Source, Sink) 5A, 5A Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 7ns, 6ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount	Manufacturer	Texas Instruments
Package8-WDFN Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH1V, 2.3VCurrent - Peak Output (Source, Sink)5A, 5AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)7ns, 6nsOperating Temperature-40°C ~ 140°C (TJ)Mounting TypeSurface Mount	Category	Integrated Circuits (ICs)
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Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V Logic Voltage - VIL, VIH 1V, 2.3V Current - Peak Output (Source, Sink) 5A, 5A Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 7ns, 6ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount	Series	-
Number of Drivers Gate Type IGBT, N-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V Logic Voltage - VIL, VIH 1V, 2.3V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 7ns, 6ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type	Driven Configuration	Low-Side
Gate Type IGBT, N-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V Logic Voltage - VIL, VIH 1V, 2.3V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 7ns, 6ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount	Channel Type	Independent
Voltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH1V, 2.3VCurrent - Peak Output (Source, Sink)5A, 5AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)7ns, 6nsOperating Temperature-40°C ~ 140°C (TJ)Mounting TypeSurface Mount	Number of Drivers	2
Logic Voltage - VIL, VIH1V, 2.3VCurrent - Peak Output (Source, Sink)5A, 5AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)7ns, 6nsOperating Temperature-40°C ~ 140°C (TJ)Mounting TypeSurface Mount	Gate Type	IGBT, N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 7ns, 6ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount	Voltage - Supply	4.5 V ~ 18 V
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 7ns, 6ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount	Logic Voltage - VIL, VIH	1V, 2.3V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 7ns, 6ns Operating Temperature -40°C ~ 140°C (TJ) Mounting Type Surface Mount	Current - Peak Output (Source, Sink)	5A, 5A
Rise / Fall Time (Typ)7ns, 6nsOperating Temperature $-40^{\circ}\text{C} \sim 140^{\circ}\text{C}$ (TJ)Mounting TypeSurface Mount	Input Type	Inverting, Non-Inverting
Operating Temperature $-40^{\circ}\text{C} \sim 140^{\circ}\text{C} \text{ (TJ)}$ Mounting Type Surface Mount	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount	Rise / Fall Time (Typ)	7ns, 6ns
	Operating Temperature	-40°C ~ 140°C (TJ)
Package / Case 8-WDFN Exposed Pad	Mounting Type	Surface Mount
	Package / Case	8-WDFN Exposed Pad
Supplier Device Package 8-SON (3x3)	Supplier Device Package	8-SON (3x3)
Report errors?		Report errors?

UCC27526DSDT 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.

UCC27526DSDT Payment Methods



















UCC27526DSDT Shipping Methods













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