



LTC1165CS8#PBF Information



For Reference Only

Part Number LTC1165CS8#PBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC MOSFET DVR HI-SIDE TRPL 8SOIC

Package 8-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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Certified Quality

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LTC1165CS8#PBF Specifications

Manufacturer Part Number LTC1165CS8#PBF Manufacturer Linear Technology Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) Series - Driven Configuration High-Side Channel Type Independent Number of Drivers 3 Gate Type N-Channel MOSFET Voltage - Supply 1.8 V ~ 6 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) - Input Type Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) - Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC		
CategoryIntegrated Circuits (ICs)Package8-SOIC (0.154", 3.90mm Width)Series-Driven ConfigurationHigh-SideChannel TypeIndependentNumber of Drivers3Gate TypeN-Channel MOSFETVoltage - Supply1.8 V ~ 6 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)-Input TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)-Operating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer Part Number	LTC1165CS8#PBF
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Channel Type Independent Number of Drivers 3 Gate Type N-Channel MOSFET Voltage - Supply 1.8 V ~ 6 V Logic Voltage - VIL, VIH	Series	-
Number of Drivers3Gate TypeN-Channel MOSFETVoltage - Supply1.8 V ~ 6 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)-Input TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)-Operating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Driven Configuration	High-Side
Gate Type N-Channel MOSFET Voltage - Supply 1.8 V ~ 6 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Channel Type	Independent
Voltage - Supply Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature O°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Drivers	3
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature O°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Supply	1.8 V ~ 6 V
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Logic Voltage - VIL, VIH	-
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Current - Peak Output (Source, Sink)	-
Rise / Fall Time (Typ)-Operating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Input Type	Inverting
Operating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Rise / Fall Time (Typ)	-
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
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?

LTC1165CS8#PBF 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.

LTC1165CS8#PBF Payment Methods





















LTC1165CS8#PBF Shipping Methods













If you have any question about LTC1165CS8#PBF, please do not hesitate to contact us!

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