



MAX5062CASA Information



For Reference Only

Part Number MAX5062CASA

Manufacturer Maxim Integrated

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC MOSFET DRIVER 8-SOIC

Package 8-SOIC (0.154", 3.90mm Width) 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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MAX5062CASA Specifications

Manufacturer Part Number MAX5062CASA Manufacturer Maxim Integrated Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 12.6 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) 2A, 2A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 125V Rise / Fall Time (Typ) 65ns, 65ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOIC-EP			
CategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 12.6 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)125VRise / Fall Time (Typ)65ns, 65nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Manufacturer Part Number	MAX5062CASA	
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Package8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 12.6 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)125VRise / Fall Time (Typ)65ns, 65nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Category	Integrated Circuits (ICs)	
Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 12.6 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)125VRise / Fall Time (Typ)65ns, 65nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP		PMIC - Gate Drivers	
Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 12.6 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) 12A, 2A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 125V Rise / Fall Time (Typ) 65ns, 65ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad	
Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 12.6 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) 2A, 2A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 125V Rise / Fall Time (Typ) 65ns, 65ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOIC-EP	Series	-	
Number of Drivers Gate Type N-Channel MOSFET Voltage - Supply 8 V ~ 12.6 V 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 ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Driven Configuration	Half-Bridge	
Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 12.6 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)125VRise / Fall Time (Typ)65ns, 65nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Channel Type	Independent	
Voltage - Supply 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 ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Number of Drivers	2	
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 65ns, 65ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	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 ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Voltage - Supply	8 V ~ 12.6 V	
Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 125V Rise / Fall Time (Typ) 65ns, 65ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOIC-EP	Logic Voltage - VIL, VIH	-	
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 65ns, 65ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOIC-EP	Current - Peak Output (Source, Sink)	2A, 2A	
Rise / Fall Time (Typ) 65ns, 65ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOIC-EP	Input Type	Non-Inverting	
Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOIC-EP	High Side Voltage - Max (Bootstrap)	125V	
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOIC-EP	Rise / Fall Time (Typ)	65ns, 65ns	
Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOIC-EP	Operating Temperature	-40°C ~ 150°C (TJ)	
Supplier Device Package 8-SOIC-EP	Mounting Type	Surface Mount	
	Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	
Report errors?	Supplier Device Package	8-SOIC-EP	
		R	eport errors?

MAX5062CASA 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.

MAX5062CASA Payment Methods





















MAX5062CASA Shipping Methods













If you have any question about MAX5062CASA, please do not hesitate to contact us!

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