



### **MAX5063BASA-T Information**



For Reference Only

Part Number MAX5063BASA-T
Manufacturer Maxim Integrated
Category Integrated Circuits (ICs)
PMIC - Gate Drivers

DescriptionIC MOSFET DRIVER 8-SOICPackage8-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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# **MAX5063BASA-T Specifications**

Manufacturer Part NumberMAX5063BASA-TManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)Package8-SOIC (0.154", 3.90mm Width)Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 12.6 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeInverting, Non-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)Supplier Device Package8-SOIC		
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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 ~ 12.6 V Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) 2A, 2A Input Type Inverting, 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) Supplier Device Package	Category	Integrated Circuits (ICs)
Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 12.6 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeInverting, Non-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)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  Current - Peak Output (Source, Sink)  Input Type  Inverting, 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)  Supplier Device Package	Package	8-SOIC (0.154", 3.90mm Width)
Channel Type Independent  Number of Drivers 2  Gate Type N-Channel MOSFET  Voltage - Supply 8 V ~ 12.6 V  Logic Voltage - VIL, VIH 0.8V, 2V  Current - Peak Output (Source, Sink) 2A, 2A  Input Type Inverting, 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)  Supplier Device Package	Series	-
Number of Drivers  Gate Type  N-Channel MOSFET  Voltage - Supply  8 V ~ 12.6 V  Logic Voltage - VIL, VIH  0.8V, 2V  Current - Peak Output (Source, Sink)  Input Type  Inverting, 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)  Supplier Device Package	Driven Configuration	Half-Bridge
Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 12.6 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeInverting, Non-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)Supplier Device Package8-SOIC	Channel Type	Independent
Voltage - Supply  Logic Voltage - VIL, VIH  0.8V, 2V  Current - Peak Output (Source, Sink)  Input Type  Inverting, 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)  Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH  O.8V, 2V  Current - Peak Output (Source, Sink)  Input Type  Inverting, 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)  Supplier Device Package	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink)  Input Type  Inverting, 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)  Supplier Device Package	Voltage - Supply	8 V ~ 12.6 V
Input Type  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)  Supplier Device Package	Logic Voltage - VIL, VIH	0.8V, 2V
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)  Supplier Device Package	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)  Supplier Device Package  8-SOIC	Input Type	Inverting, Non-Inverting
Operating Temperature  -40°C ~ 150°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)	125V
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Rise / Fall Time (Typ)	65ns, 65ns
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 150°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?

#### **MAX5063BASA-T 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.

### MAX5063BASA-T Payment Methods





















# MAX5063BASA-T Shipping Methods













If you have any question about MAX5063BASA-T, please do not hesitate to contact us!

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