



### MAX5055AASA+ Information



For Reference Only

Part Number MAX5055AASA+

Manufacturer Maxim Integrated

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

**Description** IC MOSFET DRVR DUAL 8-SOIC

Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

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



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## **MAX5055AASA+ Specifications**

Manufacturer Part Number       MAX5055AASA+         Manufacturer       Maxim Integrated         Category       Integrated Circuits (ICs)         Package       8-SOIC (0.154", 3.90mm Width) Exposed Pad         Series       -         Driven Configuration       Low-Side         Channel Type       Independent         Number of Drivers       2         Gate Type       N-Channel MOSFET         Voltage - Supply       4 V ~ 15 V         Logic Voltage - VIL, VIH       0.8V, 2.1V         Current - Peak Output (Source, Sink)       4A, 4A         Input Type       Inverting         High Side Voltage - Max (Bootstrap)       -         Rise / Fall Time (Typ)       32ns, 26ns         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 ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4 V ~ 15 VLogic Voltage - VIL, VIH0.8V, 2.1VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)32ns, 26nsOperating 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	MAX5055AASA+	
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Driven Configuration  Low-Side  Channel Type  Independent  Number of Drivers  2  Gate Type  N-Channel MOSFET  Voltage - Supply  4 V ~ 15 V  Logic Voltage - VIL, VIH  0.8V, 2.1V  Current - Peak Output (Source, Sink)  Input Type  Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  32ns, 26ns  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	
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Gate TypeN-Channel MOSFETVoltage - Supply4 V ~ 15 VLogic Voltage - VIL, VIH0.8V, 2.1VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)32ns, 26nsOperating 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	
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Logic Voltage - VIL, VIH  Current - Peak Output (Source, Sink)  Input Type  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	Gate Type	N-Channel MOSFET	
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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)	32ns, 26ns	
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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	
		Report err	rors?

#### MAX5055AASA+ 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.

### MAX5055AASA+ Payment Methods



















### MAX5055AASA+ Shipping Methods













If you have any question about MAX5055AASA+, please do not hesitate to contact us!

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