

MAX5075AAUA+

Quote

MAX5075AAUA+ Information

	Part Number	MAX5075AAUA+	
1	Manufacturer	Maxim Integrated	-
www.haiping.com	Category	Integrated Circuits (ICs) PMIC - Gate Drivers	- 回航器
	Description	IC DRVR FET P-P 8-UMAX	
10000	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



MAX5075AAUA+ Specifications

ManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs) PMIC - Gate DriversPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Driven ConfigurationCow-SideChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)3A, 3AInput Type00ns (Insultantion)High Side Voltage - Max (Bootstrap)-Nonsing Temperature4.0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-UMAx-EP			
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Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)3A, 3AInput TypeRC Input CircuitHigh Side Voltage - Max (Bootstrap)-Size / Fall Time (Typ)Jons, 10nsOperating TemperatureAu%C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP	Category	Integrated Circuits (ICs)	
Series-Driven ConfigurationLow-SideChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)3A, 3AInput TypeRC Input CircuitHigh Side Voltage - Max (Bootstrap)-Kise / Fall Time (Typ)IOns, 10nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP		PMIC - Gate Drivers	
Driven ConfigurationLow-SideDriven ConfigurationSynchronousChannel Type2Number of Drivers0Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)3A, 3AInput TypeRC Input CircuitHigh Side Voltage - Max (Bootstrap)-Size / Fall Time (Typ)Jons, 10nsOperating TemperatureSurface MountMounting TypeSurface MountSupplier Device Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	
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Number of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)3A, 3AInput TypeRC Input CircuitHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)10ns, 10nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP	Driven Configuration	Low-Side	
Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)3A, 3AInput TypeRC Input CircuitHigh Side Voltage - Max (Bootstrap)-Kise / Fall Time (Typ)10ns, 10nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP	Channel Type	Synchronous	
Voltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)3A, 3AInput TypeRC Input CircuitHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)10ns, 10nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP	Number of Drivers	2	
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Current - Peak Output (Source, Sink)3A, 3AInput TypeRC Input CircuitHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)10ns, 10nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP	Voltage - Supply	4.5 V ~ 15 V	
Input TypeRC Input CircuitHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)10ns, 10nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadaSupplier Device Package8-uMax-EP	Logic Voltage - VIL, VIH	-	
High Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)10ns, 10nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP	Current - Peak Output (Source, Sink)	3A, 3A	
Rise / Fall Time (Typ)10ns, 10nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP	Input Type	RC Input Circuit	
Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP	High Side Voltage - Max (Bootstrap)	-	
Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP	Rise / Fall Time (Typ)	10ns, 10ns	
Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-uMax-EP	Operating Temperature	-40°C ~ 150°C (TJ)	
Supplier Device Package 8-uMax-EP	Mounting Type	Surface Mount	
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	
Report errors?	Supplier Device Package	8-uMax-EP	
			Report errors?

MAX5075AAUA+ 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.

MAX5075AAUA+ Payment Methods



MAX5075AAUA+ Shipping Methods



If you have any question about MAX5075AAUA+, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com