



AL8806QMP-13 Information



For Reference Only

Part Number AL8806QMP-13

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)
PMIC - LED Drivers

Description IC LED DRVR RGLTR DIM 1.5A 8MSOP

8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

Expressed Pad

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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AL8806QMP-13 Specifications

Manufacturer Part Number AL8806QMP-13 Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) PMIC - LED Drivers Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Series Automotive, AEC-Q100 Type DC DC Regulator Topology Step-Down (Buck) Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) 6V Voltage - Supply (Max) 30V Voltage - Output - Current - Output / Channel 1.5A (Switch) Frequency IMHz Dimming Analog, PWM Applications Automotive Operating Temperature -40°C ~ 125°C (TJ)		
Integrated Circuits (ICs)	Manufacturer Part Number	AL8806QMP-13
Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Series Automotive, AEC-Q100 Type DC DC Regulator Topology Step-Down (Buck) Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) 6V Voltage - Supply (Max) 30V Voltage - Output - Current - Output / Channel 1.5A (Switch) Frequency 1MHz Dimming Analog, PWM Applications Automotive Operating Temperature -40°C ~ 125°C (TJ)	Manufacturer	Diodes Incorporated
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Series Automotive, AEC-Q100 Type DC DC Regulator Topology Step-Down (Buck) Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) 6V Voltage - Supply (Max) 30V Voltage - Output - Current - Output / Channel 1.5A (Switch) Frequency 1MHz Dimming Analog, PWM Applications Automotive Operating Temperature -40°C ~ 125°C (TJ)		PMIC - LED Drivers
Type DC DC Regulator Topology Step-Down (Buck) Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) 6V Voltage - Supply (Max) 30V Voltage - Output - Current - Output / Channel 1.5A (Switch) Frequency 1MHz Dimming Analog, PWM Applications Automotive Operating Temperature -40°C ~ 125°C (TJ)	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Topology Step-Down (Buck) Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) 6V Voltage - Supply (Max) 30V Voltage - Output - Current - Output / Channel 1.5A (Switch) Frequency 1MHz Dimming Analog, PWM Applications Automotive Operating Temperature -40°C ~ 125°C (TJ)	Series	Automotive, AEC-Q100
Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) Voltage - Supply (Max) Voltage - Output - Current - Output / Channel Frequency IMHz Dimming Analog, PWM Applications Operating Temperature -40°C ~ 125°C (TJ)	Type	DC DC Regulator
Number of Outputs Voltage - Supply (Min) Voltage - Supply (Max) Voltage - Output - Current - Output / Channel Frequency IMHz Dimming Analog, PWM Applications Operating Temperature 1 6V 1.54 (Switch) 1.55 (Switch) Analog, PWM Automotive -40°C ~ 125°C (TJ)	Topology	Step-Down (Buck)
Voltage - Supply (Min) Voltage - Supply (Max) Voltage - Output - Current - Output / Channel Frequency 1MHz Dimming Analog, PWM Applications Operating Temperature 6V Automotive -40°C ~ 125°C (TJ)	Internal Switch(s)	Yes
Voltage - Supply (Max) Voltage - Output - Current - Output / Channel Frequency IMHz Dimming Analog, PWM Applications Operating Temperature 30V 1.5A (Switch) 1.5A (Switch) Analog, PWM Analog, PWM Automotive -40°C ~ 125°C (TJ)	Number of Outputs	1
Voltage - Output Current - Output / Channel 1.5A (Switch) Frequency 1MHz Dimming Analog, PWM Applications Automotive Operating Temperature -40°C ~ 125°C (TJ)	Voltage - Supply (Min)	6V
Current - Output / Channel 1.5A (Switch) Frequency 1MHz Dimming Analog, PWM Applications Automotive Operating Temperature -40°C ~ 125°C (TJ)	Voltage - Supply (Max)	30V
Frequency 1MHz Dimming Analog, PWM Applications Automotive Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$	Voltage - Output	-
Dimming Analog, PWM Applications Automotive Operating Temperature -40°C ~ 125°C (TJ)	Current - Output / Channel	1.5A (Switch)
Applications Automotive Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$	Frequency	1MHz
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$	Dimming	Analog, PWM
	Applications	Automotive
	Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Supplier Device Package 8-MSOP-EP	Supplier Device Package	8-MSOP-EP
Report errors		Report errors?

AL8806QMP-13 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.

AL8806QMP-13 Payment Methods



















AL8806QMP-13 Shipping Methods













If you have any question about AL8806QMP-13, please do not hesitate to contact us!

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