



RT8298ZSP Information



For Reference Only

Part Number RT8298ZSP Manufacturer Richtek USA Inc.

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Regulators

IC REG BUCK ADJ 6A 8SOP Description

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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RT8298ZSP Specifications

Manufacturer Part Number RT8298ZSP Manufacturer Richtek USA Inc. Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Function Step-Down Output Configuration Positive Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 4.5V Voltage - Input (Max) 24V Voltage - Output (Min/Fixed) 0.8V Voltage - Output (Min/Fixed) 0.8V Voltage - Output (Max) 15V Current - Output 6A Frequency - Switching 600kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	•	
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Package8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)24VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)15VCurrent - Output6AFrequency - Switching600kHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP-EP	Category	Integrated Circuits (ICs)
Series - Function Step-Down Output Configuration Positive Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 4.5V Voltage - Input (Max) 24V Voltage - Output (Min/Fixed) 0.8V Voltage - Output (Max) 15V Current - Output 6A Frequency - Switching 600kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)24VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)15VCurrent - Output6AFrequency - Switching600kHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP-EP	Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Output Configuration Positive Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 4.5V Voltage - Input (Max) 24V Voltage - Output (Min/Fixed) 0.8V Voltage - Output (Max) 15V Current - Output 6A Frequency - Switching 600kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Series	-
Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) 15V Current - Output 6A Frequency - Switching Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Function	Step-Down
Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 4.5V Voltage - Input (Max) 24V Voltage - Output (Min/Fixed) 0.8V Voltage - Output (Max) 15V Current - Output (Max) 6A Frequency - Switching 600kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Output Configuration	Positive
Number of Outputs Voltage - Input (Min) 4.5V Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) 15V Current - Output 6A Frequency - Switching 600kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Topology	Buck
Voltage - Input (Min) Voltage - Input (Max) 24V Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) 15V Current - Output 6A Frequency - Switching 600kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Output Type	Adjustable
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) 15V Current - Output 6A Frequency - Switching 5ynchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Number of Outputs	1
Voltage - Output (Min/Fixed) Voltage - Output (Max) 15V Current - Output 6A Frequency - Switching 600kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Voltage - Input (Min)	4.5V
Voltage - Output (Max) Current - Output 6A Frequency - Switching 600kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Voltage - Input (Max)	24V
Current - Output 6A Frequency - Switching 600kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Voltage - Output (Min/Fixed)	0.8V
Frequency - Switching 600kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Voltage - Output (Max)	15V
Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Current - Output	6A
Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Frequency - Switching	600kHz
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Synchronous Rectifier	No
Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOP-EP	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 8-SOP-EP	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Report errors?	Supplier Device Package	8-SOP-EP
		Report errors?

RT8298ZSP 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.

RT8298ZSP Payment Methods



















RT8298ZSP Shipping Methods













If you have any question about RT8298ZSP, please do not hesitate to contact us!

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