

RT8295AHGSP

RT8295AHGSP Information

enter	Part Number Manufacturer Category	RT8295AHGSP Richtek USA Inc. Integrated Circuits (ICs)	
For Reference Only	Description	PMIC - Voltage Regulators - DC DC Switching Regulators IC REG BUCK ADJ 2A SYNC 8PSOP	
	Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad For the pricing/inventory/lead time, please contact us	
		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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RT8295AHGSP Specifications

ManufacturerRichtek USA Inc.CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage&-SOIC (0.154", 3.90mm Width) Exposed PadPackageSeyDownSteries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Min/Fixed)0.8VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Min/Fixed)340kHzSynchronous Rectifier4.40°C ~ 85°C (TA)Mounting TypeSeyOl (0.154", 3.90mm Width) Exposed PadPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-FunctionStepDownOutput ConfigurationBuckOutput TypeBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min/30VVoltage - Output (Min/Fixed)32VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Min/Fixed)20VCurrent - Output24Yoltage - Switching340kHzSynchronous RectifierYesOperating Temperature4.0°C ~ 85°C (TA)Mounting Type8-SOIC (0.154", 3.90mm Width) Exposed PadPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIP	Manufacturer Part Number	RT8295AHGSP
PMC - Voltage Regulators - DC DC Switching RegulatorsPackage8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Min/Fixed)20VCurrent - Output20VSynchronous RectifierYesOperating Temperature4.40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOI2 (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Manufacturer	Richtek USA Inc.
Package8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Min/Fixed)0.8VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)20VCurrent - Output2AFrequency - Switching340kHzSynchronous Rectifier-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Category	Integrated Circuits (ICs)
Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)23VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)20VCurrent - Output2AFrequency - Switching340kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableOutput Type1Number of Outputs4.5VVoltage - Input (Min)4.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)20VCurrent - Output2AFrequency - Switching40kHzSynchronous Rectifier-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8.SOP2	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) 23V Voltage - Output (Min/Fixed) 0.8V Voltage - Output (Max) 20V Voltage - Output (Max) 20V Voltage - Output (Max) 24 Synchronous Rectifier Yes Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Synplier Device Package 8-SOP2	Series	-
TopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)23VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)20VCurrent - Output2AFrequency - Switching340kHzSynchronous Rectifier-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Function	Step-Down
Output TypeAdjustableOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)23VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)20VCurrent - Output2AFrequency - Switching340kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Output Configuration	Positive
Number of Outputs1Number of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)23VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)20VCurrent - Output2AFrequency - Switching340kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Topology	Buck
Voltage - Input (Min)4.5VVoltage - Input (Max)23VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)20VCurrent - Output2AFrequency - Switching340kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Output Type	Adjustable
Voltage - Input (Max)23VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)20VCurrent - Output2AFrequency - Switching340kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Number of Outputs	1
Voltage - Output (Min/Fixed)0.8VVoltage - Output (Max)20VCurrent - Output2AFrequency - Switching340kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Voltage - Input (Min)	4.5V
Voltage - Output (Max)20VCurrent - Output2AFrequency - Switching340kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Voltage - Input (Max)	23V
Current - Output2AFrequency - Switching340kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Voltage - Output (Min/Fixed)	0.8V
Frequency - Switching340kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Voltage - Output (Max)	20V
Synchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Current - Output	2A
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Frequency - Switching	340kHz
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Synchronous Rectifier	Yes
Package / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOP2	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 8-SOP2	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Report errors?	Supplier Device Package	8-SOP2
		Report errors?

RT8295AHGSP 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

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

RT8295AHGSP Payment Methods





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