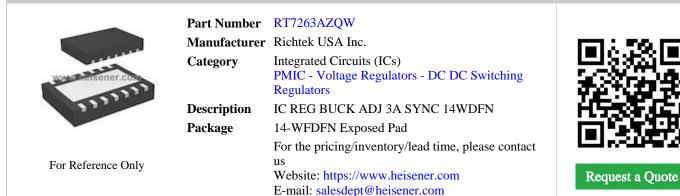


## RT7263AZQW

#### **RT7263AZQW Information**



#### **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.



#### **RT7263AZQW** Specifications

ManufacturerRichtek USA Inc.CategoryIntegrated Circuits (ICS)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage14-WFDFN Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Output (Min/Fixed)0.808VVoltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting Type14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage14-WFDFN Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Output (Min/Fixed)0.808VVoltage - Output (Min/Fixed)0.808VVoltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature4.0°C ~ 85°C (TA)Mounting Type14-WFDFN Exposed PadSupplier Device Package14-WFDFN Exposed Pad	Manufacturer Part Number	RT7263AZQW
PackagePMIC - Voltage Regulators - DC DC Switching RegulatorsPackage14-WFDFN Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveBuck0utput TypeOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Output (Min/Fixed)0.808VVoltage - Output (Min/Fixed)15VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting Type14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Manufacturer	Richtek USA Inc.
Package14-WFDFN Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Min/Fixed)0.808VVoltage - Output (Min/Fixed)500KHzCurrent - Output3AFrequency - Switching500KHzSynchronous Rectifier-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Category	Integrated Circuits (ICs)
Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)21VVoltage - Output (Min/Fixed)0.808VVoltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature4.0°C ~ 85°C (TA)Mounting Type14-WDFN Exposed PadSupplier Device Package14-WDFN (4x3)		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableOutput Type1Voltage - Input (Min)4.5VVoltage - Input (Max)21VVoltage - Output (Max)15VVoltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous Rectifier-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Package	14-WFDFN Exposed Pad
Output ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)21VVoltage - Output (Min/Fixed)0.808VVoltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Series	-
TopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)21VVoltage - Output (Min/Fixed)0.808VVoltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous Rectifier-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Function	Step-Down
Output TypeAdjustableOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)21VVoltage - Output (Min/Fixed)0.808VVoltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Output Configuration	Positive
Number of Outputs1Number of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)21VVoltage - Output (Min/Fixed)0.808VVoltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous Rectifier-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Topology	Buck
Voltage - Input (Min)4.5VVoltage - Input (Max)21VVoltage - Output (Min/Fixed)0.808VVoltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Output Type	Adjustable
Voltage - Input (Max)21VVoltage - Output (Min/Fixed)0.808VVoltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Number of Outputs	1
Voltage - Output (Min/Fixed)0.808VVoltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Voltage - Input (Min)	4.5V
Voltage - Output (Max)15VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Voltage - Input (Max)	21V
Current - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Voltage - Output (Min/Fixed)	0.808V
Frequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Voltage - Output (Max)	15V
Synchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Current - Output	3A
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Frequency - Switching	500kHz
Mounting TypeSurface MountPackage / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Synchronous Rectifier	Yes
Package / Case14-WFDFN Exposed PadSupplier Device Package14-WDFN (4x3)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package14-WDFN (4x3)	Mounting Type	Surface Mount
	Package / Case	14-WFDFN Exposed Pad
Report errors <sup>4</sup>	Supplier Device Package	14-WDFN (4x3)
		Report errors?

#### **RT7263AZQW** 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 BUARANTEE

#### **Service Guarantees**

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

#### **RT7263AZQW** Payment Methods



### **RT7263AZQW** Shipping Methods



If you have any question about RT7263AZQW, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com