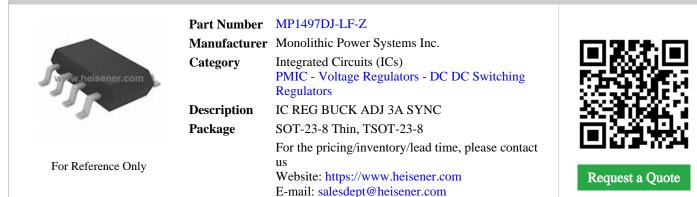


MP1497DJ-LF-Z

MP1497DJ-LF-Z 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.



MP1497DJ-LF-Z Specifications

ManufacturerMonolithic Power Systems Inc.CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackageSOT-23-8 Thin, TSOT-23-8Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)6.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Min/Fixed)3AVoltage - Output (Max)3ACurrent - OutputSotokHzSynchronous RectifierSotokHzSynchronous RectifierSurface MountApacage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8		
CategoryIntegrated Circuits (Ics)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackageSOT-23-8 Thin, TSOT-23-8Series-FunctionStep-DownOutput ConfigurationPositivePoologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Min/Fixed)3ACurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature4.0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Manufacturer Part Number	MP1497DJ-LF-Z
PMIC - Voltage Regulators - DC DC Switching RegulatorsPackageSOT-23-8 Thin, TSOT-23-8Series-FunctionStep-DownOutput ConfigurationPositiveBuckOutput TypeOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Min/Fixed)3ACurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature4.0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageTSOT-23-8	Manufacturer	Monolithic Power Systems Inc.
PackageSOT-23-8 Thin, TSOT-23-8Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Min/Fixed)0.8VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Min/Fixed)3ASynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSort-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Category	Integrated Circuits (ICs)
Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Min/Fixed)16VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)13VCurrent - Output3AFrequency - Switching500kHzSynchronous Rectifier40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableOutput Type1Number of Outputs1.5VVoltage - Input (Min)4.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Min/Fixed)3ACurrent - Output3AFrequency - Switching500kHzSynchronous Rectifier40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Package	SOT-23-8 Thin, TSOT-23-8
Output ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)16VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)3ACurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature4.0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageTSOT-23-8	Series	-
TopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)16VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)13VCurrent - Output3AFrequency - Switching500kHzSynchronous Rectifier4.0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Function	Step-Down
Output TypeAdjustableOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)16VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)13VCurrent - Output3AFrequency - Switching500kHzSynchronous Rectifier-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Output Configuration	Positive
Number of Outputs1Number of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)16VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)13VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Topology	Buck
Voltage - Input (Min)4.5VVoltage - Input (Max)16VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)13VCurrent - Output3ACurrent - Output500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Output Type	Adjustable
Voltage - Input (Max)16VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)13VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Number of Outputs	1
Voltage - Output (Min/Fixed)0.8VVoltage - Output (Max)13VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Voltage - Input (Min)	4.5V
Voltage - Output (Max)13VCurrent - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Voltage - Input (Max)	16V
Current - Output3AFrequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Voltage - Output (Min/Fixed)	0.8V
Frequency - Switching500kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Voltage - Output (Max)	13V
Synchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Current - Output	3A
Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Frequency - Switching	500kHz
Mounting TypeSurface MountPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Synchronous Rectifier	Yes
Package / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package TSOT-23-8	Mounting Type	Surface Mount
	Package / Case	SOT-23-8 Thin, TSOT-23-8
Report errors?	Supplier Device Package	TSOT-23-8
1		Report errors?

MP1497DJ-LF-Z 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.

MP1497DJ-LF-Z Payment Methods



MP1497DJ-LF-Z Shipping Methods



If you have any question about MP1497DJ-LF-Z, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com