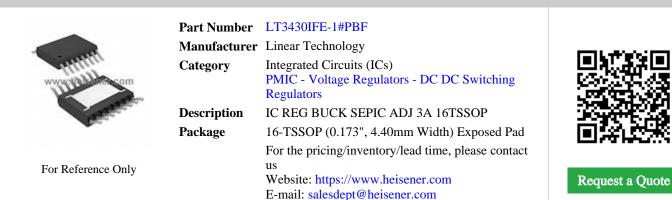


LT3430IFE-1#PBF

LT3430IFE-1#PBF 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.



LT3430IFE-1#PBF Specifications

Manufacturer Part NumberLT3430IFE-1#PBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - DC DC Switching RegulatorsPackage16-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuck, SEPICOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)5.5VVoltage - Output (Min/Fixed)1.219VVoltage - Output (Min/Fixed)Sa.8VCurrent - Output3AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature4.0°C ~ 125°C (TJ)Mounting TypeSarGe MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-TSSOP (0.173", 4.40mm Width) Exposed Pad	_	
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage16-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationBeck, SEPICOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)5.5VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)1.219VVoltage - Output (Max)58.8VCurrent - Output3AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature40°C ~ 125°C (TJ)Mounting Type5.5SOP (0.173", 4.40mm Width) Exposed Pad	Manufacturer Part Number	LT3430IFE-1#PBF
PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage16-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuck, SEPICOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)5.5VVoltage - Output (Min/Fixed)1.219VVoltage - Output (Max)58.8VCurrent - Output3AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature40°C ~ 125°C (TJ)Mounting Type61TSSOP (0.173", 4.40mm Width) Exposed Pad	Manufacturer	Linear Technology
Package16-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuck, SEPICOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)5.5VVoltage - Output (Min/Fixed)1.219VVoltage - Output (Max)58.8VCurrent - Output3AFrequency - Switching100kHzSynchronous Rectifier-Operating Temperature-Auore Current-Mounting Type-Fackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Category	Integrated Circuits (ICs)
Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuck, SEPICOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)5.5VVoltage - Input (Min/Fixed)60VVoltage - Output (Min/Fixed)1.219VVoltage - Output (Max)58.8VCurrent - Output3AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature40°C ~ 125°C (TJ)Mounting Type5.TSOP (0.173", 4.40mm Width) Exposed Pad		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositiveTopologyBuck, SEPICOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)5.5VVoltage - Output (Min/Fixed)60VVoltage - Output (Min/Fixed)1.219VVoltage - Output (Max)58.8VCurrent - Output3AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature40°C ~ 125°C (TJ)Mounting Type16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Package	16-TSSOP (0.173", 4.40mm Width) Exposed Pad
NumberEncretainOutput ConfigurationPositiveTopologyBuck, SEPICOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)5.5VVoltage - Input (Max)60VVoltage - Output (Min/Fixed)1.219VVoltage - Output (Max)58.8VCurrent - Output3AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting Type16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Series	-
TopologyBuck, SEPICOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)5.5VVoltage - Input (Max)60VVoltage - Output (Min/Fixed)1.219VVoltage - Output (Max)58.8VCurrent - Output3AFrequency - Switching100kHzSynchronous Rectifier-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Function	Step-Down
Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 5.5V Voltage - Input (Max) 60V Voltage - Output (Min/Fixed) 1.219V Voltage - Output (Max) 58.8V Current - Output 3A Frequency - Switching 100kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Output Configuration	Positive
Number of Outputs1Number of Outputs1Voltage - Input (Min)5.5VVoltage - Input (Max)60VVoltage - Output (Min/Fixed)1.219VVoltage - Output (Max)58.8VCurrent - Output3AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Topology	Buck, SEPIC
Voltage - Input (Min) 5.5V Voltage - Input (Max) 60V Voltage - Output (Min/Fixed) 1.219V Voltage - Output (Max) 58.8V Current - Output 3A Frequency - Switching 100kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Output Type	Adjustable
Voltage - Input (Max)60VVoltage - Output (Min/Fixed)1.219VVoltage - Output (Max)58.8VCurrent - Output3AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Number of Outputs	1
Voltage - Output (Min/Fixed)1.219VVoltage - Output (Max)58.8VCurrent - Output3AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Voltage - Input (Min)	5.5V
Voltage - Output (Max)58.8VCurrent - Output3AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Voltage - Input (Max)	60V
Current - Output3AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Voltage - Output (Min/Fixed)	1.219V
Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Voltage - Output (Max)	58.8V
Synchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Current - Output	3A
Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Frequency - Switching	100kHz
Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Synchronous Rectifier	No
Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Operating Temperature	-40°C ~ 125°C (TJ)
	Mounting Type	Surface Mount
Supplier Device Package 16-TSSOP-EP	Package / Case	16-TSSOP (0.173", 4.40mm Width) Exposed Pad
	Supplier Device Package	16-TSSOP-EP
Report error		Report errors?

LT3430IFE-1#PBF 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.

LT3430IFE-1#PBF Payment Methods



LT3430IFE-1#PBF Shipping Methods



If you have any question about LT3430IFE-1#PBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com