

LT3757AEMSE#PBF

LT3757AEMSE#PBF Information



For Reference Only

Part Number LT3757AEMSE#PBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Controllers

Description IC REG CTRLR MULT TOP 10MSOP

Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)

Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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LT3757AEMSE#PBF Specifications

Manufacturer Part NumberLT3757AEMSE#PBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)Package10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Output TypeTransistor DriverFunctionStep-Up, Step-Up/Step-DownOutput ConfigurationPositive and NegativeTopologyBoost, Flyback, SEPICNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)2.9 V ~ 40 VFrequency - Switching100kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierNoClock SyncYesSerial Interfaces-		
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Topology Boost, Flyback, SEPIC Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 2.9 V ~ 40 V Frequency - Switching 100kHz ~ 1MHz Duty Cycle (Max) - Synchronous Rectifier No Clock Sync Yes Serial Interfaces -	Function	Step-Up, Step-Up/Step-Down
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Output Phases 1 Voltage - Supply (Vcc/Vdd) 2.9 V ~ 40 V Frequency - Switching 100kHz ~ 1MHz Duty Cycle (Max) - Synchronous Rectifier No Clock Sync Yes Serial Interfaces -	Topology	Boost, Flyback, SEPIC
Voltage - Supply (Vcc/Vdd) 2.9 V ~ 40 V Frequency - Switching 100kHz ~ 1MHz Duty Cycle (Max) - Synchronous Rectifier No Clock Sync Yes Serial Interfaces -	Number of Outputs	1
Frequency - Switching 100kHz ~ 1MHz Duty Cycle (Max) - Synchronous Rectifier No Clock Sync Yes Serial Interfaces -	Output Phases	1
Duty Cycle (Max) - Synchronous Rectifier No Clock Sync Yes Serial Interfaces -	Voltage - Supply (Vcc/Vdd)	2.9 V ~ 40 V
Synchronous Rectifier No Clock Sync Yes Serial Interfaces -	Frequency - Switching	100kHz ~ 1MHz
Clock Sync Yes Serial Interfaces -	Duty Cycle (Max)	-
Serial Interfaces -	Synchronous Rectifier	No
	Clock Sync	Yes
	Serial Interfaces	-
Control Features Enable, Frequency Control, Soft Start	Control Features	Enable, Frequency Control, Soft Start
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$	Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$
Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad	Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad
Supplier Device Package 10-MSOP-EP	Supplier Device Package	10-MSOP-EP
Report errors?		Report errors?

LT3757AEMSE#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.

LT3757AEMSE#PBF Payment Methods



















LT3757AEMSE#PBF Shipping Methods













If you have any question about LT3757AEMSE#PBF, please do not hesitate to contact us!

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