

LTC3862IGN#TRPBF

LTC3862IGN#TRPBF Information



For Reference Only

Part Number LTC3862IGN#TRPBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Controllers

Description IC REG CTRLR BOOST/SEPIC 24SSOP

Package 24-SSOP (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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LTC3862IGN#TRPBF Specifications

Manufacturer Category Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers Package 24-SSOP (0.154", 3.90mm Width) Series - Output Type Transistor Driver Function Step-Up, Step-Up/Step-Down Output Configuration Positive Topology Boost, SEPIC Number of Outputs 2 Output Phases 2 Voltage - Supply (Vcc/Vdd) 4 V ~ 36 V Frequency - Switching 75kHz ~ 500kHz Duty Cycle (Max) 96% Synchronous Rectifier No Clock Syne Yes Serial Interfaces - Control Features Control Features Enable, Frequency Control, Phase Control, Soft Start Operating Temperature -40°C ~ 125°C (TJ) Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package			
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FunctionStep-Up, Step-Up/Step-DownOutput ConfigurationPositiveTopologyBoost, SEPICNumber of Outputs2Output Phases2Voltage - Supply (Vcc/Vdd)4 V ~ 36 VFrequency - Switching75kHz ~ 500kHzDuty Cycle (Max)96%Synchronous RectifierNoClock SyncYesSerial Interfaces-Control FeaturesEnable, Frequency Control, Phase Control, Soft StartOperating Temperature-40°C ~ 125°C (TJ)Package / Case24-SSOP (0.154", 3.90mm Width)Supplier Device Package24-SSOP	Series	-	
Output Configuration Positive Topology Boost, SEPIC Number of Outputs 2 Output Phases 2 Voltage - Supply (Vcc/Vdd) 4 V ~ 36 V Frequency - Switching 75kHz ~ 500kHz Duty Cycle (Max) 96% Synchronous Rectifier No Clock Sync Yes Serial Interfaces - Control Features Enable, Frequency Control, Phase Control, Soft Start Operating Temperature -40°C ~ 125°C (TJ) Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package 24-SSOP	Output Type	Transistor Driver	
Topology Boost, SEPIC Number of Outputs 2 Output Phases 2 Voltage - Supply (Vcc/Vdd) Frequency - Switching 75kHz ~ 500kHz Duty Cycle (Max) Synchronous Rectifier No Clock Sync Yes Serial Interfaces - Control Features Enable, Frequency Control, Phase Control, Soft Start Operating Temperature -40°C ~ 125°C (TJ) Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package	Function	Step-Up, Step-Up/Step-Down	
Number of Outputs2Output Phases2Voltage - Supply (Vcc/Vdd)4 V ~ 36 VFrequency - Switching75kHz ~ 500kHzDuty Cycle (Max)96%Synchronous RectifierNoClock SyncYesSerial Interfaces-Control FeaturesEnable, Frequency Control, Phase Control, Soft StartOperating Temperature-40°C ~ 125°C (TJ)Package / Case24-SSOP (0.154", 3.90mm Width)Supplier Device Package24-SSOP	Output Configuration	Positive	
Output Phases 2 Voltage - Supply (Vcc/Vdd) 4 V ~ 36 V Frequency - Switching 75kHz ~ 500kHz Duty Cycle (Max) 96% Synchronous Rectifier No Clock Sync Yes Serial Interfaces - Control Features Enable, Frequency Control, Phase Control, Soft Start Operating Temperature -40°C ~ 125°C (TJ) Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package 24-SSOP	Topology	Boost, SEPIC	
Voltage - Supply (Vcc/Vdd)4 V ~ 36 VFrequency - Switching75kHz ~ 500kHzDuty Cycle (Max)96%Synchronous RectifierNoClock SyncYesSerial Interfaces-Control FeaturesEnable, Frequency Control, Phase Control, Soft StartOperating Temperature-40°C ~ 125°C (TJ)Package / Case24-SSOP (0.154", 3.90mm Width)Supplier Device Package24-SSOP	Number of Outputs	2	
Frequency - Switching 75kHz ~ 500kHz Duty Cycle (Max) 96% Synchronous Rectifier No Clock Sync Yes Serial Interfaces - Control Features Enable, Frequency Control, Phase Control, Soft Start Operating Temperature -40°C ~ 125°C (TJ) Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package 24-SSOP	Output Phases	2	
Duty Cycle (Max) Synchronous Rectifier No Clock Sync Yes Serial Interfaces - Control Features Enable, Frequency Control, Phase Control, Soft Start Operating Temperature -40°C ~ 125°C (TJ) Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package	Voltage - Supply (Vcc/Vdd)	4 V ~ 36 V	
Synchronous Rectifier Clock Sync Yes Serial Interfaces - Control Features Enable, Frequency Control, Phase Control, Soft Start Operating Temperature -40°C ~ 125°C (TJ) Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package	Frequency - Switching	75kHz ~ 500kHz	
Clock Sync Serial Interfaces - Control Features Enable, Frequency Control, Phase Control, Soft Start Operating Temperature -40°C ~ 125°C (TJ) Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package	Duty Cycle (Max)	96%	
Serial Interfaces - Control Features Enable, Frequency Control, Phase Control, Soft Start Operating Temperature -40°C ~ 125°C (TJ) Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package 24-SSOP	Synchronous Rectifier	No	
Control Features Enable, Frequency Control, Phase Control, Soft Start -40°C ~ 125°C (TJ) Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package 24-SSOP	Clock Sync	Yes	
Operating Temperature -40°C ~ 125°C (TJ) Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package 24-SSOP	Serial Interfaces	-	
Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package 24-SSOP	Control Features	Enable, Frequency Control, Phase Control, Soft Start	
Supplier Device Package 24-SSOP	Operating Temperature	-40°C ~ 125°C (TJ)	
	Package / Case	24-SSOP (0.154", 3.90mm Width)	
Report errors?	Supplier Device Package	24-SSOP	
Report errors.		Report error	s?

LTC3862IGN#TRPBF 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.

LTC3862IGN#TRPBF Payment Methods



















LTC3862IGN#TRPBF Shipping Methods













If you have any question about LTC3862IGN#TRPBF, please do not hesitate to contact us!

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