

# LTC3882EUJ-1#TRPBF

### LTC3882EUJ-1#TRPBF Information



For Reference Only

Part Number LTC3882EUJ-1#TRPBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Controllers

**Description** IC REG CTRLR BUCK PMBUS 40QFN

Package 40-WFQFN 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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# **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.









# LTC3882EUJ-1#TRPBF Specifications

Manufacturer         Linear Technology           Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - DC DC Switching Controllers           Package         40-WFQFN Exposed Pad           Series         PolyPhase?           Output Type         PWM Signal           Function         Step-Down           Output Configuration         Positive           Topology         Buck           Number of Outputs         2           Output Phases         2           Voltage - Supply (Vcc/Vdd)         3 V ~ 13.8 V           Frequency - Switching         500kHz           Duty Cycle (Max)         87.5%           Synchronous Rectifier         No           Clock Sync         Yes           Serial Interfaces         I2C, PMBus           Control Features         Enable, Frequency Control, Phase Control, Power Good           Operating Temperature         -40°C ~ 125°C (TJ)           Package / Case         40-WFQFN Exposed Pad           Supplier Device Package         40-QFN (6x6)		
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Package 40-WFQFN Exposed Pad  Series PolyPhase? Output Type PWM Signal Function Step-Down Output Configuration Positive  Topology Buck Number of Outputs 2 Output Phases 2 Voltage - Supply (Vcc/Vdd) 3 V ~ 13.8 V Frequency - Switching 500kHz Duty Cycle (Max) 87.5% Synchronous Rectifier No Clock Sync Yes Serial Interfaces 12C, PMBus Control Features Enable, Frequency Control, Phase Control, Power Good Operating Temperature -40°C ~ 125°C (TJ) Package / Case 40-WFQFN Exposed Pad Supplier Device Package 40-QFN (6x6)	Manufacturer	Linear Technology
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Topology  Buck  Number of Outputs  2  Output Phases  2  Voltage - Supply (Vcc/Vdd)  3 V ~ 13.8 V  Frequency - Switching  500kHz  Duty Cycle (Max)  87.5%  Synchronous Rectifier  No  Clock Sync  Serial Interfaces  12C, PMBus  Control Features  Enable, Frequency Control, Phase Control, Power Good  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  40-WFQFN Exposed Pad  Supplier Device Package  40-QFN (6x6)	Function	Step-Down
Number of Outputs  Output Phases  2  Voltage - Supply (Vcc/Vdd)  3 V ~ 13.8 V  Frequency - Switching  Duty Cycle (Max)  Synchronous Rectifier  No  Clock Sync  Yes  Serial Interfaces  I2C, PMBus  Control Features  Enable, Frequency Control, Phase Control, Power Good  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  40-WFQFN Exposed Pad  Supplier Device Package  40-QFN (6x6)	Output Configuration	Positive
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Duty Cycle (Max)  Synchronous Rectifier  No  Clock Sync  Yes  Serial Interfaces  I2C, PMBus  Control Features  Enable, Frequency Control, Phase Control, Power Good  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  40-WFQFN Exposed Pad  Supplier Device Package  40-QFN (6x6)	Voltage - Supply (Vcc/Vdd)	3 V ~ 13.8 V
Synchronous Rectifier  No  Clock Sync  Yes  Serial Interfaces  I2C, PMBus  Control Features  Enable, Frequency Control, Phase Control, Power Good  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  40-WFQFN Exposed Pad  Supplier Device Package  40-QFN (6x6)	Frequency - Switching	500kHz
Clock Sync Yes  Serial Interfaces I2C, PMBus  Control Features Enable, Frequency Control, Phase Control, Power Good  Operating Temperature -40°C ~ 125°C (TJ)  Package / Case 40-WFQFN Exposed Pad  Supplier Device Package 40-QFN (6x6)	Duty Cycle (Max)	87.5%
Serial Interfaces I2C, PMBus  Control Features Enable, Frequency Control, Phase Control, Power Good  Operating Temperature -40°C ~ 125°C (TJ)  Package / Case 40-WFQFN Exposed Pad  Supplier Device Package 40-QFN (6x6)	Synchronous Rectifier	No
Control Features Enable, Frequency Control, Phase Control, Power Good  Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ)  Package / Case $40\text{-WFQFN}$ Exposed Pad  Supplier Device Package $40\text{-QFN}$ (6x6)	Clock Sync	Yes
Operating Temperature -40°C ~ 125°C (TJ)  Package / Case 40-WFQFN Exposed Pad  Supplier Device Package 40-QFN (6x6)	Serial Interfaces	I2C, PMBus
Package / Case 40-WFQFN Exposed Pad Supplier Device Package 40-QFN (6x6)	Control Features	Enable, Frequency Control, Phase Control, Power Good
Supplier Device Package 40-QFN (6x6)	Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$
	Package / Case	40-WFQFN Exposed Pad
	Supplier Device Package	40-QFN (6x6)
Report errors?		Report errors?

#### LTC3882EUJ-1#TRPBF Guarantees



#### **Ouality 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.

### LTC3882EUJ-1#TRPBF Payment Methods



















## LTC3882EUJ-1#TRPBF Shipping Methods













If you have any question about LTC3882EUJ-1#TRPBF, please do not hesitate to contact us!

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