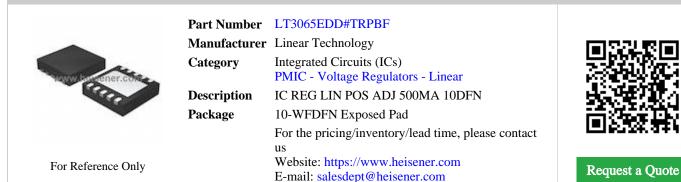


LT3065EDD#TRPBF

LT3065EDD#TRPBF 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.



LT3065EDD#TRPBF Specifications

ManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage10-WFDFN Exposed PadSeries-Output ConfigurationPositiveOutput ConfigurationAdjustableOutput TypeAdjustableVoltage - Input (Max)45VVoltage - Output (Max)0.6VVoltage - Output (Max)0.51V @ 500mAVoltage Doupout (Max)0.51V @ 500mACurrent - Output500mACurrent - Output10µA ~ 25mAPSRR85B (120Hz)Corrent FacturesOver Current, Over Temperature, Reverse PolarityOperating Temperature6V/C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-WFDFN Exposed PadSupplier Device Package0.0-FDFN Exposed Pad		
Category Integrated Circuits (ICs) Package PMIC - Voltage Regulators - Linear Package 10-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Output Type Adjustable Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) 0.6V Voltage - Output (Max) 40V Voltage Dropout (Max) 0.51V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Quiescent (Iq) - Current - Supply (Max) 110µA ~ 25mA PSRR 85dB (120Hz) Portection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad Supplier Device Package 10-WFDFN Exposed Pad	Manufacturer Part Number	LT3065EDD#TRPBF
PMIC - Voltage Regulators - LinearPackage10-WFDFN Exposed PadSeries-Output ConfigurationPositiveDutput YpeAdjustableNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Mar)0.6VVoltage - Output (Max)0.51V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)110µA ~ 25mAPSRR85dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityProtection FeaturesOver Current, Over Temperature, Reverse PolarityPoperating Temperature4.0°C ~ 125°CMounting TypeSurface MountPackage / Case10-DFN (3x3)	Manufacturer	Linear Technology
Package10-WFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)0.6VVoltage - Output (Max)0.6VVoltage Dropout (Max)0.51V @ 500mACurrent - Output300mACurrent - Quiescent (Iq)-Current Supply (Max)110µA ~ 25mAPSRR85dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityProtection Features-40°C ~ 125°CMounting TypeSufface MountPackage / Case10-DFN (3x3)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)0.6VVoltage - Output (Max)40VVoltage Output (Max)0.51V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)110µA ~ 25mAPSRR85dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityProtection Features-Operating Temperature-Avor ~ 125°CMounting TypePackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)		PMIC - Voltage Regulators - Linear
Description Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) 0.6V Voltage - Output (Max) 40V Voltage - Output (Max) 0.51V @ 500mA Current - Output 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 110μA ~ 25mA PSRR SdB (120Hz) Corrent, Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad Supplier Device Package 10-DFN (3x3)	Package	10-WFDFN Exposed Pad
Duput Adjustable Number of Regulators 1 Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) 0.6V Voltage - Output (Max) 40V Voltage Dropout (Max) 0.51V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 110µA ~ 25mA PSRR 85dB (120Hz) Control Features Over Current, Over Temperature, Reverse Polarity Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature Surface Mount Package / Case 10-WFDFN Exposed Pad Supplier Device Package 10-DFN (3x3)	Series	-
Number of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)0.6VVoltage - Output (Max)40VVoltage Dropout (Max)0.51V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)110µA ~ 25mAPSRR85dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-DFN (3x3)	Output Configuration	Positive
Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) 0.6V Voltage - Output (Max) 40V Voltage Dropout (Max) 0.51V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 110μA ~ 25mA PSRR 85dB (120Hz) Control Features Over Current, Over Temperature, Reverse Polarity Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature Surface Mount Package / Case 10-DFN Exposed Pad Supplier Device Package 10-DFN (3x3)	Output Type	Adjustable
Voltage - Output (Min/Fixed)0.6VVoltage - Output (Max)40VVoltage Dropout (Max)0.51V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)110µA ~ 25mAPSRR85dB (120Hz)Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Number of Regulators	1
Voltage - Output (Max)40VVoltage Dropout (Max)0.51V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)110μA ~ 25mAPSRR85dB (120Hz)Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Voltage - Input (Max)	45V
Voltage Dropout (Max)0.51V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)110μA ~ 25mAPSRR85dB (120Hz)Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Voltage - Output (Min/Fixed)	0.6V
Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)110μA ~ 25mAPSRR85dB (120Hz)Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Voltage - Output (Max)	40V
Current - Quiescent (Iq)-Current - Supply (Max)110μA ~ 25mAPSRR85dB (120Hz)Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Voltage Dropout (Max)	0.51V @ 500mA
Current - Supply (Max)110μA ~ 25mAPSRR85dB (120Hz)Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Current - Output	500mA
PSRR85dB (120Hz)Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Current - Quiescent (Iq)	-
Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Current - Supply (Max)	110µA ~ 25mA
Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	PSRR	85dB (120Hz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Control Features	Current Limit, Enable, Power Good, Soft Start
Mounting TypeSurface MountPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Protection Features	Over Current, Over Temperature, Reverse Polarity
Package / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 10-DFN (3x3)	Mounting Type	Surface Mount
	Package / Case	10-WFDFN Exposed Pad
Report errors?	Supplier Device Package	10-DFN (3x3)
		Report errors?

LT3065EDD#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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

LT3065EDD#TRPBF Payment Methods





If you have any question about LT3065EDD#TRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com