



TNY287KG-TL Information



For Reference Only

Part Number TNY287KG-TL

Manufacturer Power Integrations

Category Integrated Circuits

Integrated Circuits (ICs)
PMIC - AC DC Converters, Offline Switchers

Description IC OFF-LINE SWITCH PWM 12SOP

Package 12-BESOP (0.350", 8.89mm Width) 11 Leads,

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

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TNY287KG-TL Specifications

Manufacturer Part NumberTNY287KG-TLManufacturerPower IntegrationsCategoryIntegrated Circuits (ICs)Package12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed PadSeriesTinySwitch?-4Output IsolationIsolatedInternal Switch(s)YesVoltage - Breakdown725VTopologyFlybackVoltage - Start Up-Voltage - Supply (Vcc/Vdd)-Duty Cycle67%Frequency - Switching124kHz ~ 140kHzPower (Watts)18WFault ProtectionCurrent Limiting, Open Loop, Over Temperature, Over Voltage, Short CircuitControl FeaturesENOperating Temperature-40°C ~ 150°C (TJ)Package / Case12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed PadSupplier Device Package12-ESOP			
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Series TinySwitch?-4 Output Isolation Isolated Internal Switch(s) Yes Voltage - Breakdown 725V Topology Flyback Voltage - Start Up - Voltage - Supply (Vcc/Vdd) - Duty Cycle 67% Frequency - Switching 124kHz ~ 140kHz Power (Watts) 18W Fault Protection Current Limiting, Open Loop, Over Temperature, Over Voltage, Short Circuit Control Features EN Operating Temperature -40°C ~ 150°C (TJ) Package / Case 12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed Pad		PMIC - AC DC Converters, Offline Switchers	
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Voltage - Breakdown 725V Topology Flyback Voltage - Start Up - Voltage - Supply (Vcc/Vdd) Duty Cycle 67% Frequency - Switching 124kHz ~ 140kHz Power (Watts) 18W Fault Protection Current Limiting, Open Loop, Over Temperature, Over Voltage, Short Circuit Control Features Operating Temperature -40°C ~ 150°C (TJ) Package / Case 12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed Pad Supplier Device Package	Output Isolation	Isolated	
Topology Flyback Voltage - Start Up Voltage - Supply (Vcc/Vdd) Duty Cycle Frequency - Switching Frequency - Switching Power (Watts) Fault Protection Current Limiting, Open Loop, Over Temperature, Over Voltage, Short Circuit Control Features Departing Temperature -40°C ~ 150°C (TJ) Package / Case Supplier Device Package 12-ESOP	Internal Switch(s)	Yes	
Voltage - Start Up Voltage - Supply (Vcc/Vdd) Duty Cycle 67% Frequency - Switching 124kHz ~ 140kHz Power (Watts) Fault Protection Current Limiting, Open Loop, Over Temperature, Over Voltage, Short Circuit Control Features Operating Temperature -40°C ~ 150°C (TJ) Package / Case 12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed Pad Supplier Device Package	Voltage - Breakdown	725V	
Voltage - Supply (Vcc/Vdd) Duty Cycle 67% Frequency - Switching 124kHz ~ 140kHz Power (Watts) 18W Fault Protection Current Limiting, Open Loop, Over Temperature, Over Voltage, Short Circuit Control Features EN Operating Temperature -40°C ~ 150°C (TJ) Package / Case 12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed Pad Supplier Device Package 12-ESOP	Topology	Flyback	
Duty Cycle 67% Frequency - Switching 124kHz ~ 140kHz Power (Watts) 18W Fault Protection Current Limiting, Open Loop, Over Temperature, Over Voltage, Short Circuit Control Features EN Operating Temperature -40°C ~ 150°C (TJ) Package / Case 12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed Pad Supplier Device Package 12-ESOP	Voltage - Start Up	-	
Frequency - Switching Power (Watts) 18W Fault Protection Current Limiting, Open Loop, Over Temperature, Over Voltage, Short Circuit Control Features Operating Temperature -40°C ~ 150°C (TJ) Package / Case 12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed Pad Supplier Device Package 12-ESOP	Voltage - Supply (Vcc/Vdd)	-	
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Fault Protection Current Limiting, Open Loop, Over Temperature, Over Voltage, Short Circuit Control Features EN Operating Temperature -40°C ~ 150°C (TJ) Package / Case 12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed Pad Supplier Device Package 12-ESOP	Frequency - Switching	124kHz ~ 140kHz	
Control Features EN Operating Temperature -40°C ~ 150°C (TJ) Package / Case 12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed Pad Supplier Device Package 12-ESOP	Power (Watts)	18W	
Operating Temperature -40°C ~ 150°C (TJ) Package / Case 12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed Pad Supplier Device Package 12-ESOP	Fault Protection	Current Limiting, Open Loop, Over Temperature, Over Voltage, Short Circuit	
Package / Case 12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed Pad Supplier Device Package 12-ESOP	Control Features	EN	
Supplier Device Package 12-ESOP	Operating Temperature	-40°C ~ 150°C (TJ)	
	Package / Case	12-BESOP (0.350", 8.89mm Width) 11 Leads, Exposed Pad	
	Supplier Device Package	12-ESOP	
Mounting Type Surface Mount	Mounting Type	Surface Mount	
Report errors?			Report errors?

TNY287KG-TL 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.

TNY287KG-TL Payment Methods



















TNY287KG-TL Shipping Methods













If you have any question about TNY287KG-TL, please do not hesitate to contact us!

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