



SP6132HEU-L/TR Information



For Reference Only

Part Number SP6132HEU-L/TR
Manufacturer Exar Corporation
Category Integrated Circuits (

ategory Integrated Circuits (ICs)
PMIC - Voltage Regulators - DC DC Switching

Controllers

Description IC REG CTRLR BUCK 10MSOP

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

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









SP6132HEU-L/TR Specifications

Manufacturer Part Number Manufacturer Category Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Series - Output Type Transistor Driver Function Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 3 V ~ 28 V Frequency - Switching Duty Cycle (Max) Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Operating Temperature Package / Case Supplier Device Package Paceut agrees Paceut agr		
Category	Manufacturer Part Number	SP6132HEU-L/TR
PMIC - Voltage Regulators - DC DC Switching Controllers	Manufacturer	Exar Corporation
Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Series - Output Type Transistor Driver Function Step-Down Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 3 V ~ 28 V Frequency - Switching 300kHz Duty Cycle (Max) 100% Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Soft Start Operating Temperature -40°C ~ 85°C (TA) Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Category	Integrated Circuits (ICs)
Series - Output Type Transistor Driver Function Step-Down Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 3 V ~ 28 V Frequency - Switching 300kHz Duty Cycle (Max) 100% Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Soft Start Operating Temperature -40°C ~ 85°C (TA) Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP		PMIC - Voltage Regulators - DC DC Switching Controllers
Output Type Transistor Driver Function Step-Down Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 3 V ~ 28 V Frequency - Switching 300kHz Duty Cycle (Max) 100% Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Soft Start Operating Temperature -40°C ~ 85°C (TA) Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Function Step-Down Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 3 V ~ 28 V Frequency - Switching 300kHz Duty Cycle (Max) 100% Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Soft Start Operating Temperature -40°C ~ 85°C (TA) Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Series	-
Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 3 V ~ 28 V Frequency - Switching 300kHz Duty Cycle (Max) 100% Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Soft Start Operating Temperature -40°C ~ 85°C (TA) Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Output Type	Transistor Driver
Topology Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) Frequency - Switching Duty Cycle (Max) Synchronous Rectifier Clock Sync No Serial Interfaces - Control Features Operating Temperature -40°C ~ 85°C (TA) Package / Case 10-MSOP Buck 1 0 3 U ~ 28 V Frequency - Switching 300kHz 100% Synchronous Rectifier Yes Clock Sync No Soft Start Operating Temperature -40°C ~ 85°C (TA) Package / Case 10-MSOP 10-MSOP	Function	Step-Down
Number of Outputs Output Phases 1 Voltage - Supply (Vcc/Vdd) 3 V ~ 28 V Frequency - Switching Duty Cycle (Max) Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Operating Temperature -40°C ~ 85°C (TA) Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package	Output Configuration	Positive
Output Phases Voltage - Supply (Vcc/Vdd) 3 V ~ 28 V Frequency - Switching 300kHz Duty Cycle (Max) Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Operating Temperature Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package	Topology	Buck
Voltage - Supply (Vcc/Vdd)3 V ~ 28 VFrequency - Switching300kHzDuty Cycle (Max)100%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesSoft StartOperating Temperature-40°C ~ 85°C (TA)Package / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width)Supplier Device Package10-MSOP	Number of Outputs	1
Frequency - Switching Duty Cycle (Max) Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Operating Temperature Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 300kHz Yes Yes Control Features -40°C -40°C -85°C (TA) Package / Case 10-MSOP	Output Phases	1
Duty Cycle (Max) Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Operating Temperature Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Voltage - Supply (Vcc/Vdd)	3 V ~ 28 V
Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Soft Start Operating Temperature Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Frequency - Switching	300kHz
Clock Sync Serial Interfaces - Control Features Soft Start Operating Temperature -40°C ~ 85°C (TA) Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Duty Cycle (Max)	100%
Serial Interfaces Control Features Soft Start Operating Temperature -40°C ~ 85°C (TA) Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Synchronous Rectifier	Yes
Control Features Soft Start Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Clock Sync	No
Operating Temperature -40°C ~ 85°C (TA) Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Serial Interfaces	-
Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Control Features	Soft Start
Supplier Device Package 10-MSOP	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
• •	Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Panort arrore	Supplier Device Package	10-MSOP
Report errors		Report errors?

SP6132HEU-L/TR 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.

SP6132HEU-L/TR Payment Methods





















SP6132HEU-L/TR Shipping Methods













If you have any question about SP6132HEU-L/TR, please do not hesitate to contact us!

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