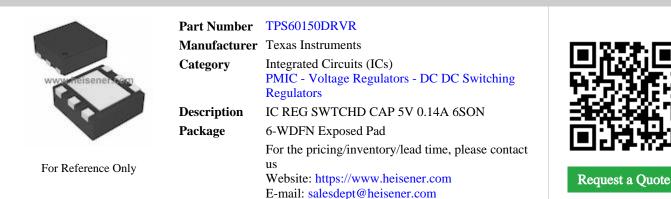


TPS60150DRVR

TPS60150DRVR 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.



TPS60150DRVR Specifications

CategoryIntegrated Circuits (ICs)PAtCape Regulators - DC DC Switching RegulatorsPackage6-WDFN Exposed PadSeries-FunctionStep-UpOutput ConfigurationBositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)5.5VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)140mACurrent - Output1.5MHzSynchronous RectifierNoOperating Temperature4.0°C ~ 85°C (TA)Mounting Type6.5VN Exposed PadPackage / Case6.40FN Exposed PadSynchronous Rectifier6.40FN Exposed PadSynchronous Rectifier6.40FN Exposed PadMounting Type6.40FN Exposed PadSynchronous Rectifier6.40FN Exposed PadMounting Type6.40FN Exposed PadSynchronous Rectifier6.40FN Exposed PadMounting Type6.50N (22)		
CategoryIntegrated Circuits (ICs)PAtCape Regulators - DC DC Switching RegulatorsPackage6-WDFN Exposed PadSeries-FunctionStep-UpOutput ConfigurationBositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)5.5VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)140mACurrent - Output1.5MHzSynchronous RectifierNoOperating Temperature4.0°C ~ 85°C (TA)Mounting Type6.5VN Exposed PadPackage / Case6.40FN Exposed PadSynchronous Rectifier6.40FN Exposed PadSynchronous Rectifier6.40FN Exposed PadMounting Type6.40FN Exposed PadSynchronous Rectifier6.40FN Exposed PadMounting Type6.40FN Exposed PadSynchronous Rectifier6.40FN Exposed PadMounting Type6.50N (22)	Manufacturer Part Number	TPS60150DRVR
PackagePMIC - Voltage Regulators - DC DC Switching RegulatorsPackage6-WDFN Exposed PadSeries-FunctionStep-UpOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)5.VVoltage - Output (Min/Fixed)5.VVoltage - Output (Min/Fixed)140mACurrent - Output1.5MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-SON (2x2)	Manufacturer	Texas Instruments
Package6-WDFN Exposed PadSeries-FunctionStep-UpOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output140mAFrequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Category	Integrated Circuits (ICs)
Series-FunctionStep-UpOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output140mAFrequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature4.0°C ~ 85°C (TA)Mounting Type6-WDFN Exposed PadSupplier Device Package6-SON (2x2)		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-UpOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedOutput Type1Number of Outputs1Voltage - Input (Min)2.7VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)5.VVoltage - Output (Max)-Current - Output1.40mAFrequency - Switching1.5MHzSynchronous RectifierNoOutputing Type6.40°C ~ 85°C (TA)Package / Case6.40NF Exposed PadSupplier Device Package6.50N (2x2)	Package	6-WDFN Exposed Pad
Output ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Max)5.5VVoltage - Output (Max)-Current - Output140mAFrequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature-40°C ~85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Series	-
TopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output140mAFrequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-SON (2x2)	Function	Step-Up
Output TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output140mAFrequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature44°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Output Configuration	Positive
Number of Outputs1Number of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output140mAFrequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Topology	Charge Pump
Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output140mAFrequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Output Type	Fixed
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output140mAFrequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Number of Outputs	1
Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output140mAFrequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Voltage - Input (Min)	2.7V
Voltage - Output (Max)-Current - Output140mAFrequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Voltage - Input (Max)	5.5V
Current - Output140mAFrequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Voltage - Output (Min/Fixed)	5V
Frequency - Switching1.5MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Voltage - Output (Max)	-
Synchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Current - Output	140mA
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Frequency - Switching	1.5MHz
Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Synchronous Rectifier	No
Package / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 6-SON (2x2)	Mounting Type	Surface Mount
	Package / Case	6-WDFN Exposed Pad
Report errors?	Supplier Device Package	6-SON (2x2)
		Report errors?

TPS60150DRVR 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.

TPS60150DRVR Payment Methods





E-mail: salesdept@heisener.com