

TPS54613PWP

TPS54613PWP Information

DUDUDUDU NUN Melsoner.com	Part Number Manufacturer Category	TPS54613PWP Texas Instruments Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators	
	Description Package	IC REG BCK 1.5V 6A SYNC 28HTSSOP 28-TSSOP (0.173", 4.40mm Width) Exposed Pad	13429-144 11338-145
For Reference Only		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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TPS54613PWP Specifications

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICS)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage28-TSSOP (0.173", 4.40mm Width) Exposed PadPackageSWIFT?FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)SVVoltage - Input (Min/Fixed)ISVVoltage - Output (Min/Fixed)ISVVoltage - Output (Min/Fixed)SOkHZ-Voltage - Output (Min/Fixed)SOkHZ-Synchronous RectifierGokSynchronous RectifierYesOutput TypeInfece MountAuding TypeSurface MountSynchronous RectifierSurface MountAuding TypeSurface MountPackage / CaseSarSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device PackageSarSSOP (0.173", 4.40mm Width) Exposed Pad		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage28-TSSOP (0.173", 4.40mm Width) Exposed PadSeriesSWIFT?FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeBuckNumber of Outputs1Voltage - Input (Min)3VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Min/Fixed)3000000000000000000000000000000000000	Manufacturer Part Number	TPS54613PWP
PackagePMIC - Voltage Regulators - DC DC Switching RegulatorsPackage28-TSSOP (0.173", 4.40mm Width) Exposed PadSeriesSWIFT?FunctionStep-DownOutput ConfigurationPositiveBuckStep-DownOutput TypeFixedNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Min/Fixed)1.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Min/Fixed)50kHzVoltage - Output (Min/Fixed)6ACurrent - Output6AFrequency - Switching350kHz, 550kHzSynchronous RectifierYesOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Manufacturer	Texas Instruments
Package28-TSSOP (0.173", 4.40mm Width) Exposed PadSeriesSWIFT?FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Min/Fixed)1.5VVoltage - Output (Min/Fixed)-Current - Output6AFrequency - Switching350kHz, 550kHzSynchronous Rectifier-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Category	Integrated Circuits (ICs)
SeriesSWIFT?FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)6ACurrent - Output6ASynchronous RectifierStokHz, 550kHzOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-TTSSOP (0.173", 4.40mm Width) Exposed PadaSupplier Device Package8-HTSSOP		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedOutput TypeINumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)6VVoltage - Output (Max).Voltage - Output (Max)6ACurrent - Output6AFrequency - SwitchingStokHz, StokHzSynchronous RectifierYesOperating TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Package	28-TSSOP (0.173", 4.40mm Width) Exposed Pad
Output ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)6VVoltage - Output (Max).Voltage - Output (Max).Current - Output6AFrequency - Switching350kHz, 550kHzSynchronous RectifierYesOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Series	SWIFT?
TopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Current - Output6AFrequency - Switching350kHz, 550kHzSynchronous Rectifier-Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Function	Step-Down
Output TypeFixedOutput TypeFixedNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Current - Output6AFrequency - Switching350kHz, 550kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Output Configuration	Positive
Number of Outputs1Number of Outputs3VVoltage - Input (Min)6VVoltage - Output (Max)6VVoltage - Output (Max)-Current - Output6AFrequency - Switching350kHz, 550kHzSynchronous Rectifier-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Topology	Buck
Voltage - Input (Min)3VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Current - Output6AFrequency - Switching350kHz, 550kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Output Type	Fixed
Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Current - Output6AFrequency - Switching350kHz, 550kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Number of Outputs	1
Voltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Current - Output6AFrequency - Switching350kHz, 550kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Voltage - Input (Min)	3V
Voltage - Output (Max)-Current - Output6AFrequency - Switching350kHz, 550kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Voltage - Input (Max)	6V
Current - Output6AFrequency - Switching350kHz, 550kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Voltage - Output (Min/Fixed)	1.5V
Frequency - Switching350kHz, 550kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Voltage - Output (Max)	-
Synchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Current - Output	6A
Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Frequency - Switching	350kHz, 550kHz
Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Synchronous Rectifier	Yes
Package / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-HTSSOP	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package 28-HTSSOP	Mounting Type	Surface Mount
	Package / Case	28-TSSOP (0.173", 4.40mm Width) Exposed Pad
Report errors?	Supplier Device Package	28-HTSSOP
		Report errors?

TPS54613PWP Guarantees



Quality Guarantees

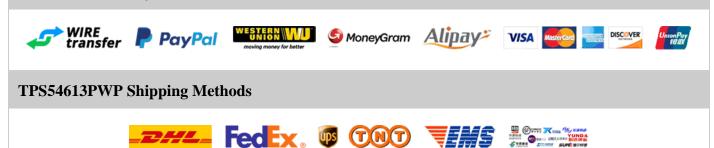
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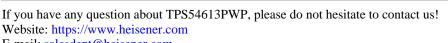


Service Guarantees

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TPS54613PWP Payment Methods





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