

TPS40071PWP

TPS40071PWP Information

Limbullity com		TPS40071PWP Texas Instruments Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching
	Description Package	Controllers IC REG CTRLR BUCK 16HTSSOP 16-TSSOP (0.173", 4.40mm Width) Exposed Pad
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

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.



TPS40071PWP Specifications

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching ControllersPackage16-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vd)4.5 V~28 VPrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature40°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed Pad	-			
CategoryIntegrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching ControllersPackage16-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationStep-DownPoologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vd)4.5 V ~ 28 VPrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous Rectifier·Clock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature-40°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-TSSOP	Manufacturer Part Number	TPS40071PWP		
PMIC - Voltage Regulators - DC DC Switching ControllersPackage16-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)4.5 V ~ 28 VFrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature4.0°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Manufacturer	Texas Instruments		
Package16-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)4.5 V ~ 28 VFrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control Features-40°C ~ 85°C (TA)Package / Case16-HTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Category	Integrated Circuits (ICs)		
Series-Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)4.5 V ~ 28 VFrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control Features4.0°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP		PMIC - Voltage Regulators - DC DC Switching Controllers		
Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Output Symphy (Vcc/Vdd)4.5 V~28 VFrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierVoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature4.0°C ~ 85°C (TA)Package / Case16-HTSSOPSupplier Device Package16-HTSSOP	Package	16-TSSOP (0.173", 4.40mm Width) Exposed Pad		
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Output Phases1Voltage - Supply (Vcc/Vdd)4.5 V ~ 28 VFrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature40°C ~ 85°C (TA)Package / Case16-HTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Series	-		
Output ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)4.5 V ~ 28 VFrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierYesClock SyncNoSerial Interfaces-Outrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature40°C ~ 85°C (TA)Package / Case16-TTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Output Type	Transistor Driver		
TopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)4.5 V ~ 28 VFrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierYesClock SyncNoSerial Interfaces-Outront FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature46°C ~ 85°C (TA)Package / Case16-HTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Function	Step-Down		
Number of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)4.5 V ~ 28 VFrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature-40°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Output Configuration	Positive		
Output Phases1Voltage - Supply (Vcc/Vdd)4.5 V ~ 28 VFrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature40°C ~ 85°C (TA)Package / Case16-HTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Topology	Buck		
Voltage - Supply (Vcc/Vdd)4.5 V ~ 28 VFrequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature-40°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Number of Outputs	1		
Frequency - SwitchingUp to 1MHzDuty Cycle (Max)93%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature-40°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Output Phases	1		
Duty Cycle (Max)93%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature-40°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 28 V		
Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature-40°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Frequency - Switching	Up to 1MHz		
Clock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature-40°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Duty Cycle (Max)	93%		
Serial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature-40°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Synchronous Rectifier	Yes		
Control FeaturesCurrent Limit, Enable, Frequency Control, Power Good, Soft StartOperating Temperature-40°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Clock Sync	No		
Operating Temperature-40°C ~ 85°C (TA)Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Serial Interfaces	-		
Package / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-HTSSOP	Control Features	Current Limit, Enable, Frequency Control, Power Good, Soft Start		
Supplier Device Package 16-HTSSOP	Operating Temperature	-40°C ~ 85°C (TA)		
	Package / Case	16-TSSOP (0.173", 4.40mm Width) Exposed Pad		
Report errors?	Supplier Device Package	16-HTSSOP		
			Report errors?	

TPS40071PWP 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

Service Guarantees

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

TPS40071PWP Payment Methods



If you have any question about TPS40071PWP, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com