

TPS2065CDGNR

TPS2065CDGNR Information

and a	Part Number Manufacturer Category	TPS2065CDGNR Texas Instruments Integrated Circuits (ICs)	
www.bisieture.com	Description	PMIC - Power Distribution Switches, Load Drivers IC PWR SW USB 1.48A 1CH 8MSOP	
	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm 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

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TPS2065CDGNR Specifications

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)PMIC - Power Distribution Switches, Load DriversPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadPackage-Series-Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Dutput ConfigurationHigh SideDutput TypeN-ChannelNolff4.5 V ~ 5.5 VVoltage - LoadA.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredNor-Inverting86 mOhmnput TypeNon-InvertingPaturesLoad Discharge, Status FlagPault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad				
CategoryIntegrated Circuits (ICs)PAckage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadPackage-Switch TypeUSB SwitchSumber of Outputs1Ratio - Input:Output1:1Dutput ConfigurationHigh SideDutput TypeN-ChannelOutput TypeN-ChannelVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredNor-Inverting1ARds On (Typ)86 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSayplier Device Package8-MSOP-PowerPad	Manufacturer Part Number	TPS2065CDGNR		
PMIC - Power Distribution Switches, Load DriversPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadPackage-Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Dutput ConfigurationHigh SideDutput TypeN-ChannelOutput Type0n/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)86 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-MSOP-PowerPad	Manufacturer	Texas Instruments		
Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideDutput TypeN-ChannelOutput TypeOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredOutput TypeIACurrent - Output (Max)1AReds On (Typ)86 mOhmnput TypeLoad Discharge, Status FlagFautresLoad Discharge, Status FlagSperating Temperature-40°C ~ 125°C (TJ)Package / Case8-MSOP-PowerPadSupplier Device Package8-MSOP-PowerPad	Category	Integrated Circuits (ICs)		
Series-Switch TypeUSB SwitchSwitch Type1Number of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideDutput TypeN-ChannelOutput TypeOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)86 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagGault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature4-0°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad		PMIC - Power Distribution Switches, Load Drivers		
Witch TypeUSB SwitchSwitch Type1Number of Outputs1Ratio - Input:Output1:1Dutput ConfigurationHigh SideDutput TypeN-ChannelDutput Type0n/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)86 mOhmPattersLoad Discharge, Status FlagPattersLoad Discharge, Status FlagPatkage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad		
Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Dutput Type N-Channel Output Type On/Off voltage - Load 4.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1A Rds On (Typ) 86 mOhm reatures Load Discharge, Status Flag Features Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case 8-MSOP-PowerPad	Series	-		
Ratio - Input:Output1:1Dutput ConfigurationHigh SideDutput TypeN-ChannelDutput TypeOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)86 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLODerating Temperature-40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Switch Type	USB Switch		
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Dutput TypeN-ChannelnterfaceOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredVoltage - Output (Max)1ARds On (Typ)86 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault Protection-40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Ratio - Input:Output	1:1		
InterfaceOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)86 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Output Configuration	High Side		
Woltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)86 mOhmnput TypeNon-InvertingNon-InvertingLoad Discharge, Status FlagFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Output Type	N-Channel		
Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)86 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Interface	On/Off		
Current - Output (Max)1ARds On (Typ)86 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagGault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Voltage - Load	4.5 V ~ 5.5 V		
Rds On (Typ)86 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Voltage - Supply (Vcc/Vdd)	Not Required		
nput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Current - Output (Max)	1A		
FeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Rds On (Typ)	86 mOhm		
Fault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Input Type	Non-Inverting		
Operating Temperature-40°C ~ 125°C (TJ)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Features	Load Discharge, Status Flag		
Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Fault Protection	Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO		
Supplier Device Package 8-MSOP-PowerPad	Operating Temperature	-40°C ~ 125°C (TJ)		
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad		
Report errors?	Supplier Device Package	8-MSOP-PowerPad		
			Report errors?	

TPS2065CDGNR 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 EUARANTEE

Service Guarantees

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

TPS2065CDGNR Payment Methods





If you have any question about TPS2065CDGNR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com