

# **TPS2062CDGNR**

uest a Quote

## **TPS2062CDGNR Information**

	Part Number	TPS2062CDGNR
	Manufacturer	Texas Instruments
ww.hisione.com	Category	Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers
Contract of the second	Description	IC CURR-LIMIT PWR-DIST SW 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

# **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.



# **TPS2062CDGNR Specifications**

ManufacturerTexas InstrumentsCategoryTexas InstrumentsPMIC - Power Distribution Switches, Load DriversPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadPackage-Series-Switch TypeGeneral PurposeSwitch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:2Dutput ConfigurationHigh SideDutput TypeN-ChannelNolf4.5 V ~ 5.5 VVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)70 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature8-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 TypeGeneral PurposeSwitch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:2Dutput ConfigurationHigh SideDutput TypeN-ChannelNordfage - Load4.5 V ~ 5.5 VVoltage - LoadNot RequiredVoltage - Supply (Vcc/Vdd)Not RequiredDutput Type70 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSwitch Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	Manufacturer Part Number	TPS2062CDGNR		
PMIC - Power Distribution Switches, Load DriversPackage&-TSSOP, &-MSOP (0.118", 3.00mm Width) Exposed PadPackage-Switch TypeGeneral PurposeSwitch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:2Dutput ConfigurationHigh SideDutput TypeN-ChannelInterfaceOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)70 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature-40°C ~ 125°C (TJ)Package / Case&-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package&-MSOP-PowerPad	Manufacturer	Texas Instruments		
Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:2Output ConfigurationHigh SideDutput TypeN-ChannelOutput TypeOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredOutput Type1ARato On (Typ)70 mOhmNon-InvertingNon-InvertingPeaturesLoad Discharge, Status FlagFautresCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadPackage / Case8-MSOP-PowerPad	Category	Integrated Circuits (ICs)		
Series-Switch TypeGeneral PurposeSwitch TypeGeneral PurposeSumber of Outputs2Ratio - Input:Output1:2Output ConfigurationHigh SideDutput TypeN-ChannelOutput TypeOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)70 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault 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		
Switch TypeGeneral PurposeSwitch Type2Number of Outputs1:2Ratio - Input:Output1:3Dutput ConfigurationHigh SideDutput TypeN-ChannelOutput Type0n/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)70 mOhmneutrypeNon-InvertingFeaturesLoad Discharge, Status FlagGurent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature4-0°C ~ 125°C (TJ)Package / Case8-MSOP-PowerPadSupplier Device Package8-MSOP-PowerPad	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad		
Number of Outputs2Ratio - Input:Output1:2Output ConfigurationHigh SideDutput TypeN-ChannelOutput TypeOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)70 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	Series	-		
Ratio - Input:Output1:2Dutput ConfigurationHigh SideDutput TypeN-ChannelDutput TypeOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)IARds On (Typ)70 mOhmnput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLODerating Temperature8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Switch Type	General Purpose		
Dutput ConfigurationHigh SideDutput TypeN-ChannelN-ChannelOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)70 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault Protectioncurrent Limiting (Fixed), Over Temperature, Reverse Current, UVLOOperating Temperature8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Number of Outputs	2		
Dutput TypeN-ChannelOn/OffOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredVoltage - Output (Max)1ARds On (Typ)70 mOhmInput 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	1:2		
InterfaceOn/OffVoltage - Load4.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1ARds On (Typ)70 mOhmNon-InvertingNon-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)70 mOhmnput TypeNon-InvertingReaturesLoad Discharge, Status FlagFeaturesCurrent 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)70 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)70 mOhmInput 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 - Load	4.5 V ~ 5.5 V		
Rds On (Typ)70 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		
Anput 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)	70 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?	

#### **TPS2062CDGNR 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.

# **TPS2062CDGNR Payment Methods**



## **TPS2062CDGNR Shipping Methods**



If you have any question about TPS2062CDGNR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com