

# AUIPS6044GTR

### **AUIPS6044GTR Information**

	Part Number	AUIPS6044GTR	
Annual and Annual A	Manufacturer	Infineon Technologies	
	Category	Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers	
initia	Description	IC HS POWER SWITCH 28SOIC	- 34ê
	Package	28-SOIC (0.295", 7.50mm Width)	
411.		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Requ



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.



## **AUIPS6044GTR Specifications**

ManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)PAckage28-SOIC (0.295", 7.50mm Width)Package28-SOIC (0.295", 7.50mm Width)Series-Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelVoltage - Load6 V ~ 28 VVoltage - Load6 V ~ 28 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)4ARds On (Typ)10 mOhmFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC (0.295", 7.50mm Width)				
CategoryIntegrated Circuits (ICs)PMIC - Power Distribution Switches, Load DriversPackage28-SOIC (0.295", 7.50mm Width)Series-Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load6 V ~ 28 VVoltage - Supply (Vcc/Vdd)Not RequiredRds on (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFautresCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature48-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC (0.295", 7.50mm Width)	Manufacturer Part Number	AUIPS6044GTR		
PMC - Power Distribution Switches, Load DriversPackage28-SOIC (0.295", 7.50mm Width)Series-Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load6 V ~ 28 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)4ARds On (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Manufacturer	Infineon Technologies		
Package28-SOIC (0.295", 7.50mm Width)Series-Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load6 V ~ 28 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)4ARds On (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault Protection- Current Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Category	Integrated Circuits (ICs)		
Series-Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load6 V ~ 28 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)4ARds On (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC		PMIC - Power Distribution Switches, Load Drivers		
Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load6 V ~ 28 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)4ARds On (Typ)10 mOhmInput TypeNon-InvertingFeaturesAuto RestartFautersCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Package	28-SOIC (0.295", 7.50mm Width)		
Number of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffInterfaceOn/OffVoltage - Load6 V ~ 28 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)4ARds On (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Series	-		
Ratio - Input:Output 1:1   Output Configuration High Side   Output Type N-Channel   Output Type On/Off   Interface On/Off   Voltage - Load 6 V ~ 28 V   Voltage - Supply (Vcc/Vdd) Not Required   Current - Output (Max) 4A   Rds On (Typ) 110 mOhm   Input Type Non-Inverting   Features Auto Restart   Fault Protection Current Limiting (Fixed), Open Load Detect, Over Temperature   Operating Temperature -40°C ~ 150°C (TJ)   Package / Case 28-SOIC (0.295", 7.50mm Width)	Switch Type	General Purpose		
Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffInterfaceOn/OffVoltage - Load6 V ~ 28 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)4ARds On (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Number of Outputs	1		
Output TypeN-ChannelInterfaceOn/OffVoltage - Load6 V ~ 28 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)4ARds On (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Ratio - Input:Output	1:1		
InterfaceOn/OffVoltage - Load6 V ~ 28 VVoltage - Supply (Vcc/Vd)Not RequiredVoltage - Output (Max)4ARds On (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Output Configuration	High Side		
Voltage - Load6 V ~ 28 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)4ARds On (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Output Type	N-Channel		
Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)4ARds On (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Interface	On/Off		
Current - Output (Max)4ARds On (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Voltage - Load	6 V ~ 28 V		
Rds On (Typ)110 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Voltage - Supply (Vcc/Vdd)	Not Required		
Input TypeNon-InvertingInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Current - Output (Max)	4A		
FeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Rds On (Typ)	110 mOhm		
Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Input Type	Non-Inverting		
Operating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Features	Auto Restart		
Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature		
Supplier Device Package 28-SOIC	Operating Temperature	-40°C ~ 150°C (TJ)		
	Package / Case	28-SOIC (0.295", 7.50mm Width)		
Report errors <sup>4</sup>	Supplier Device Package	28-SOIC		
			Report errors?	

#### **AUIPS6044GTR 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.

#### **AUIPS6044GTR Payment Methods**



## **AUIPS6044GTR Shipping Methods**



If you have any question about AUIPS6044GTR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com