

AUIPS2041L

AUIPS2041L Information

anv.heisener.com	Part Number	AUIPS2041L
	Manufacturer	Infineon Technologies
	Category	Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers
	Description	IC SW IPS 1CH LOW SIDE SOT223
	Package	TO-261-4, TO-261AA
		For the pricing/inventory/lead time, please contact
For Reference Only		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.



AUIPS2041L Specifications

Automotive, AEC-Q100Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load60V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredQurrent - Output (Max)1.4ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature40°C ~ 150°C (TJ)Package / CaseSOT-223			
CategoryIntegrated Circuits (ICs)PMIC - Power Distribution Switches, Load DriversPackageTO-261-4, TO-261AASeriesAutomotive, AEC-Q100Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelNutherfaceOn/OffVoltage - Load60V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredNon-Inverting1.4ARds On (Typ)100 mOhmInput Type-Features-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature+0°C ~ 150°C (TJ)Package / CaseS0T-223	Manufacturer Part Number	AUIPS2041L	
PMIC - Power Distribution Switches, Load DriversPackageTO-261-4, TO-261AASeriesAutomotive, AEC-Q100Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationNor SideOutput TypeN-ChannelNurface00 (Max)Voltage - Load00 (Max)Voltage - Supply (Vcc/Vd)1:4Rds On (Typ)1:4ARds On (Typ)1:0 mOhmInput Type0:0 mOhmFatures-Fatures-Fatures-Fatures40°C ~ 150°C (TJ)Package / Case507-223	Manufacturer	Infineon Technologies	
PackageTO-2614, TO-261AASeriesAutomotive, AEC-Q100Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load60V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredQurrent - Output (Max)1.4ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseSOT-223	Category	Integrated Circuits (ICs)	
SeriesAutomotive, AEC-Q100Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load60V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredQurrent - Output (Max)1.4ARds On (Typ)100 mOhmFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature40°C ~ 150°C (TJ)Package / CaseSOT-223		PMIC - Power Distribution Switches, Load Drivers	
Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration Low Side Output Type N-Channel Output Type On/Off Voltage - Load 60V (Max) Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.4A Rds On (Typ) 100 mOhm Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature 40°C ~ 150°C (TJ) Package / Case SOT-223	Package	TO-261-4, TO-261AA	
Number of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load60V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.4ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseSOT-223	Series	Automotive, AEC-Q100	
Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load60V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.4ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating TemperatureTO-261-4, TO-261AASupplier Device PackageSOT-223	Switch Type	General Purpose	
Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load60V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.4ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature40°C ~ 150°C (TJ)Package / CaseSOT-223	Number of Outputs	1	
Output TypeN-ChannelInterfaceOn/OffVoltage - Load60V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.4ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseSOT-223	Ratio - Input:Output	1:1	
InterfaceOn/OffVoltage - Load60V (Max)Voltage - Supply (Vcc/Vd)Not RequiredCurrent - Output (Max)1.4ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Output Configuration	Low Side	
Voltage - Load60V (Max)Voltage - Supply (Vcc/Vd)Not RequiredCurrent - Output (Max)1.4ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseSOT-223	Output Type	N-Channel	
Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.4A Rds On (Typ) 100 mOhm Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223	Interface	On/Off	
Current - Output (Max)1.4ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Voltage - Load	60V (Max)	
Rds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Voltage - Supply (Vcc/Vdd)	Not Required	
Input TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Current - Output (Max)	1.4A	
Features-Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Rds On (Typ)	100 mOhm	
Fault ProtectionCurrent Limiting (Fixed), Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Input Type	Non-Inverting	
Operating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Features	-	
Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Fault Protection	Current Limiting (Fixed), Over Temperature	
Supplier Device Package SOT-223	Operating Temperature	-40°C ~ 150°C (TJ)	
	Package / Case	TO-261-4, TO-261AA	
Report errors?	Supplier Device Package	SOT-223	
		Report errors?	

AUIPS2041L 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.

AUIPS2041L Payment Methods





If you have any question about AUIPS2041L, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com