

NCV8405STT1G

NCV8405STT1G Information

| New Withelsenter Contr | NCV8405STT1G ON Semiconductor Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers IC DRIVER LOW SIDE SOT-223-4 TO-261-4, TO-261AA For the pricing/inventory/lead time, please contact us | |
|------------------------|--|-----------------|
| For Reference Only | Website: https://www.heisener.com E-mail: salesdept@heisener.com | Request a Quote |



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NCV8405STT1G Specifications

| Manufacturer ON Semiconductor Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package TO-261-4, TO-261AA Series Automotive, AEC-Q101 Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration Low Side Output Type N-Channel Voltage - Load 42V (Max) Voltage - Supply (Vcc/Vdd) Not Required Rds On (Typ) 90 mOhm Input Type Non-Inverting Features Auto Restart Features Auto Restart Features Auto Restart Features Auto Restart Package / Case TO-261-4, TO-261AA | _ | |
|---|----------------------------|--|
| CategoryIntegrated Circuits (ICs)PMIC - Power Distribution Switches, Load DriversPackageTO-261-4, TO-261AASeriesAutomotive, AEC-Q101Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelNordeg - Load42V (Max)Voltage - Load42V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFautresCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseSOT-223 | Manufacturer Part Number | NCV8405STT1G |
| PMIC - Power Distribution Switches, Load DriversPackageTO-261-4, TO-261AASeriesAutomotive, AEC-Q101Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load42V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseSOT-223 | Manufacturer | ON Semiconductor |
| PackageTO-261-4, TO-261AASeriesAutomotive, AEC-Q101Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load42V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature40°C ~ 150°C (TJ)Package / CaseSOT-223 | Category | Integrated Circuits (ICs) |
| SeriesAutomotive, AEC-Q101Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load42V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFaut Protection-Current Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseSUT-223 | | PMIC - Power Distribution Switches, Load Drivers |
| Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load42V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature40°C ~ 150°C (TJ)Package / CaseSOT-223 | Package | TO-261-4, TO-261AA |
| Number of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load42V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature40°C ~ 150°C (TJ)Package / CaseSOT-223 | Series | Automotive, AEC-Q101 |
| Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelOutput TypeOn/OffInterfaceOn/OffVoltage - Load42V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseSOT-223 | Switch Type | General Purpose |
| Output ConfigurationLow SideOutput TypeN-ChannelOutput TypeOn/OffInterfaceOn/OffVoltage - Load42V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault Protection-40°C ~ 150°C (TJ)Operating TemperatureFO-261-4, TO-261AASupplier Device PackageSOT-223 | Number of Outputs | 1 |
| Output TypeN-ChannelInterfaceOn/OffVoltage - Load42V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223 | Ratio - Input:Output | 1:1 |
| InterfaceOn/OffVoltage - Load42V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseSOT-223 | Output Configuration | Low Side |
| Voltage - Load42V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223 | Output Type | N-Channel |
| Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223 | Interface | On/Off |
| Current - Output (Max)6ARds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223 | Voltage - Load | 42V (Max) |
| Rds On (Typ)90 mOhmInput TypeNon-InvertingFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223 | Voltage - Supply (Vcc/Vdd) | Not Required |
| Input TypeNon-InvertingInput TypeAuto RestartFeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223 | Current - Output (Max) | 6A |
| FeaturesAuto RestartFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223 | Rds On (Typ) | 90 mOhm |
| Fault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating 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 | Auto Restart |
| Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223 | Fault Protection | Current Limiting (Fixed), Over Temperature, Over Voltage |
| 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 error |

NCV8405STT1G 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.

NCV8405STT1G Payment Methods



NCV8405STT1G Shipping Methods



If you have any question about NCV8405STT1G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com