

FSQ321

FSQ321 Information



For Reference Only

| Part Number | FSQ321 |
|--------------|--|
| Manufacturer | ON Semiconductor |
| Category | Integrated Circuits (ICs) PMIC - AC DC Converters, Offline Switchers |
| Description | IC SWIT PWM GREEN OVP UVLO 8DIP |
| Package | 8-DIP (0.300", 7.62mm) |
| | For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com |

Certified Quality

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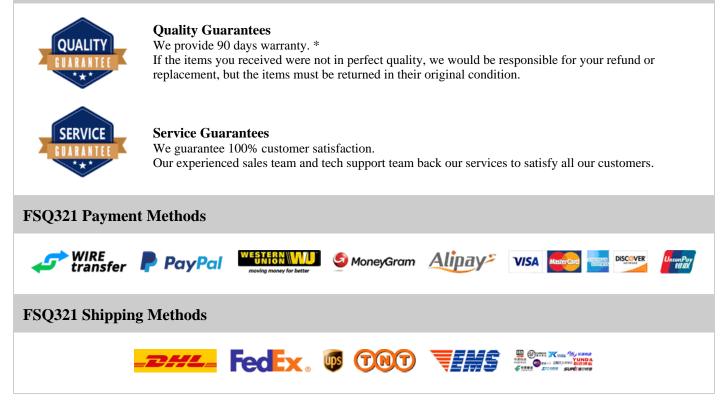


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FSQ321 Specifications

| ManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)PMIC - AC DC Converters, Offline SwitchersPackage8-DIP (0.300", 7.62mm)Series8-DIP (0.300", 7.62mm)Output IsolationIsolatedInternal Switch(s)YesVoltage - Breakdown650VYoltage - Start Up12VVoltage - Start Up12VVoltage - Supply (Vcc/Vd)8 V ~ 20 VDuty Cycle-Frequency - Switching55KHz ~ 67KHzPower (Watts)12WPower (Watts)12WFrequency - Switching5yncOutput Isolation40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | · · | | |
|---|----------------------------|---|----------------|
| Category Integrated Circuits (ICs) PMIC - AC DC Converters, Offline Switchers Package 8-DIP (0.300", 7.62mm) Series FPS TM Output Isolation Isolated Internal Switch(s) Ves Voltage - Breakdown 650V Yoltage - Start Up 12V Voltage - Start Up 12V Voltage - Supply (Vcc/Vdd) 8 V ~ 20 V Power (Wats) 55KHz ~ 67kHz Power (Wats) 12W Power (Wats) Suplic Nort Limiting, Over Load, Over Temperature, Over Voltage Oprating Temperature 40°C ~ 85°C (TA) Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP Mounting Type Hongh Hole | Manufacturer Part Number | FSQ321 | |
| Mult - AC DC Converters, Offline SwitchersPackage8-DIP (0.300", 7.62mm)SeriesFPS™Output IsolationIsolatedInternal Switch(s)YesVoltage - Breakdown650VTopologyFlybackVoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle-Frequency - Switching55kHz ~ 67kHzPower (Watts)12WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageOperating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIPMounting TypeThrough Hole | Manufacturer | ON Semiconductor | |
| Package8-DIP (0.300", 7.62mm)SeriesFPSTMOutput IsolatonIsolatedOutput IsolatonVesVoltage Breakdown650VYoltage Start UpI2VVoltage - Start Up8 V ~ 20 VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle-Frequency - Switching55kHz ~ 67kHzPower (Watts)Current Limiting, Over Load, Over Temperature, Over VoltageOutput Frequency CaseSyccPower QuartingSuplic CaseSupplic Power QuartingS-BIP (0.300", 7.62mm)Supplier Device Package8-DIP (0.300", 7.62mm)Munting TypeThrough Hole | Category | Integrated Circuits (ICs) | |
| SeriesFPSTMOutput IsolationIsolatedInternal Switch(s)YesVoltage - Breakdown650VTopologyFlybackYoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VYoltage - Supply (Vcc/Vdd)5 KHz ~ 67 KHzPrequency - Switching5 KHz ~ 67 KHzPower (Watts)12WFrault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltagePoperating Temperature-Operating Temperature40°C ~ 85°C (TA)Supplier Device Package8-DIP (0.300", 7.62mm)Mounting TypeThrough Hole | | PMIC - AC DC Converters, Offline Switchers | |
| Output IsolationIsolatedInternal Switch(s)YesVoltage - Breakdown650VTopologyFlybackYoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VVoltage - Switching-Power (Wats)55kHz ~ 67kHzPower (Wats)Current Limiting, Over Load, Over Temperature, Over VoltagePoter Deriver Source-Operating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Munting TypeThrough Hole | Package | 8-DIP (0.300", 7.62mm) | |
| Internal Switch(s)YesVoltage - Breakdown650VTopologyFlybackVoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle-Frequency - Switching55kHz ~ 67kHzPower (Wats)12WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSyncOperating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device PackageThrough Hole | Series | FPS TM | |
| Voltage - Breakdown650VTopologyFlybackVoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle-Frequency - Switching55kHz ~ 67kHzPower (Watts)12WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageOperating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device PackageFnough Hole | Output Isolation | Isolated | |
| TopologyFlybackYoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle-Frequency - Switching55kHz ~ 67kHzPower (Watts)12WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSyncOperating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device PackageB-DIPThrough HoleThrough Hole | Internal Switch(s) | Yes | |
| Voltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle-Frequency - Switching55kHz ~ 67kHzPower (Watts)12WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSyncOperating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device PackageB-DIPMounting TypeThrough Hole | Voltage - Breakdown | 650V | |
| Voltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle-Frequency - Switching55kHz ~ 67kHzPower (Watts)12WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSyncOperating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIPMounting TypeThrough Hole | Topology | Flyback | |
| Duty Cycle-Frequency - Switching55kHz ~ 67kHzPower (Watts)12WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSyncOperating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIPMounting TypeThrough Hole | Voltage - Start Up | 12V | |
| Frequency - Switching55kHz ~ 67kHzPower (Watts)12WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSyncOperating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIPMounting TypeThrough Hole | Voltage - Supply (Vcc/Vdd) | 8 V ~ 20 V | |
| Power (Watts)12WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSyncOperating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIPMounting TypeThrough Hole | Duty Cycle | - | |
| Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSyncOperating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIPMounting TypeThrough Hole | Frequency - Switching | 55kHz ~ 67kHz | |
| Control FeaturesSyncOperating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIPMounting TypeThrough Hole | Power (Watts) | 12W | |
| Operating Temperature-40°C ~ 85°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIPMounting TypeThrough Hole | Fault Protection | Current Limiting, Over Load, Over Temperature, Over Voltage | |
| Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIPMounting TypeThrough Hole | Control Features | Sync | |
| Supplier Device Package8-DIPMounting TypeThrough Hole | Operating Temperature | -40°C ~ 85°C (TA) | |
| Mounting Type Through Hole | Package / Case | 8-DIP (0.300", 7.62mm) | |
| | Supplier Device Package | 8-DIP | |
| Report errors? | Mounting Type | Through Hole | |
| | | | Report errors? |

FSQ321 Guarantees



If you have any question about FSQ321, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com