

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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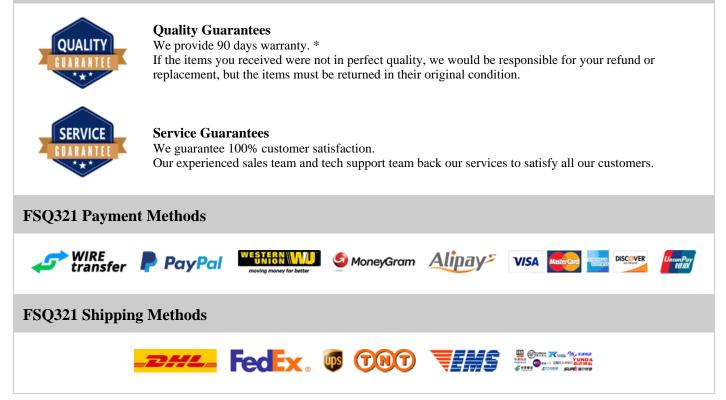


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FSQ321 Specifications

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



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