

FSQ510 Information



For Reference Only

Part Number FSQ510

Manufacturer Fairchild/ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - AC DC Converters, Offline Switchers

DescriptionIC OFFLINE SW PWM 7-DIPPackage8-DIP (0.300", 7.62mm), 7 Leads

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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FSQ510 Specifications

Manufacturer Part Number FSQ510 Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Package 8-DIP (0.300", 7.62mm), 7 Leads Series FPS? Output Isolation Isolated Internal Switch(s) Yes Voltage - Breakdown 700 V Topology Flyback Voltage - Start Up 8.7 V Voltage - Supply (Vcc/Vdd) 6.7 V ~ 20 V Duty Cycle 6% Frequency - Switching 94.3kHz ~ 132kHz Power (Watts) 9W Fault Protection Current Limiting, Over Load, Over Temperature Control Features Sync Operating Temperature -40°C ~ 140°C (TJ) Package / Case 8-DIP (0.300", 7.62mm), 7 Leads Supplier Device Package 7DIP Mounting Type Through Hole		
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SeriesFPS?Output IsolationIsolatedInternal Switch(s)YesVoltage - Breakdown700VTopologyFlybackVoltage - Start Up8.7VVoltage - Supply (Vcc/Vdd)6.7 V ~ 20 VDuty Cycle60%Frequency - Switching94.3kHz ~ 132kHzPower (Watts)9WFault ProtectionCurrent Limiting, Over Load, Over TemperatureControl FeaturesSyncOperating Temperature-40°C ~ 140°C (TJ)Package / Case8-DIP (0.300", 7.62mm), 7 LeadsSupplier Device Package7DIPMounting TypeThrough Hole		PMIC - AC DC Converters, Offline Switchers
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Internal Switch(s) Voltage - Breakdown 700V Topology Flyback Voltage - Start Up 8.7V Voltage - Supply (Vcc/Vdd) 6.7 V ~ 20 V Duty Cycle 60% Frequency - Switching 94.3kHz ~ 132kHz Power (Watts) 9W Fault Protection Current Limiting, Over Load, Over Temperature Control Features Sync Operating Temperature -40°C ~ 140°C (TJ) Package / Case 8-DIP (0.300", 7.62mm), 7 Leads Supplier Device Package Mounting Type Through Hole	Series	FPS?
Voltage - Breakdown700VTopologyFlybackVoltage - Start Up8.7VVoltage - Supply (Vcc/Vdd)6.7 V ~ 20 VDuty Cycle60%Frequency - Switching94.3kHz ~ 132kHzPower (Watts)9WFault ProtectionCurrent Limiting, Over Load, Over TemperatureControl FeaturesSyncOperating Temperature-40°C ~ 140°C (TJ)Package / Case8-DIP (0.300", 7.62mm), 7 LeadsSupplier Device Package7DIPMounting TypeThrough Hole	Output Isolation	Isolated
Topology Voltage - Start Up 8.7V Voltage - Supply (Vcc/Vdd) 6.7 V ~ 20 V Duty Cycle 60% Frequency - Switching 94.3kHz ~ 132kHz Power (Watts) 9W Fault Protection Current Limiting, Over Load, Over Temperature Control Features Operating Temperature -40°C ~ 140°C (TJ) Package / Case 8-DIP (0.300", 7.62mm), 7 Leads Supplier Device Package Mounting Type Through Hole	Internal Switch(s)	Yes
Voltage - Start Up Voltage - Supply (Vcc/Vdd) 6.7 V ~ 20 V Duty Cycle 60% Frequency - Switching 94.3kHz ~ 132kHz Power (Watts) 9W Fault Protection Current Limiting, Over Load, Over Temperature Control Features Sync Operating Temperature -40°C ~ 140°C (TJ) Package / Case 8-DIP (0.300", 7.62mm), 7 Leads Supplier Device Package Mounting Type Through Hole	Voltage - Breakdown	700V
Voltage - Supply (Vcc/Vdd) 6.7 V ~ 20 V 60% Frequency - Switching 94.3kHz ~ 132kHz Power (Watts) 9W Fault Protection Current Limiting, Over Load, Over Temperature Control Features Sync Operating Temperature -40°C ~ 140°C (TJ) Package / Case 8-DIP (0.300", 7.62mm), 7 Leads Supplier Device Package Mounting Type Through Hole	Topology	Flyback
Duty Cycle60%Frequency - Switching94.3kHz ~ 132kHzPower (Watts)9WFault ProtectionCurrent Limiting, Over Load, Over TemperatureControl FeaturesSyncOperating Temperature-40°C ~ 140°C (TJ)Package / Case8-DIP (0.300", 7.62mm), 7 LeadsSupplier Device Package7DIPMounting TypeThrough Hole	Voltage - Start Up	8.7V
Frequency - Switching 94.3kHz ~ 132kHz Power (Watts) 9W Fault Protection Current Limiting, Over Load, Over Temperature Sync Operating Temperature -40°C ~ 140°C (TJ) Package / Case 8-DIP (0.300", 7.62mm), 7 Leads Supplier Device Package 7DIP Mounting Type Through Hole	Voltage - Supply (Vcc/Vdd)	6.7 V ~ 20 V
Power (Watts) Fault Protection Current Limiting, Over Load, Over Temperature Control Features Sync Operating Temperature -40°C ~ 140°C (TJ) Package / Case 8-DIP (0.300", 7.62mm), 7 Leads Supplier Device Package 7DIP Mounting Type Through Hole	Duty Cycle	60%
Fault Protection Current Limiting, Over Load, Over Temperature Sync Operating Temperature -40°C ~ 140°C (TJ) Package / Case 8-DIP (0.300", 7.62mm), 7 Leads Supplier Device Package 7DIP Mounting Type Through Hole	Frequency - Switching	94.3kHz ~ 132kHz
Control Features Sync Operating Temperature -40°C ~ 140°C (TJ) Package / Case 8-DIP (0.300", 7.62mm), 7 Leads Supplier Device Package 7DIP Mounting Type Through Hole	Power (Watts)	9W
Operating Temperature -40°C ~ 140°C (TJ) Package / Case 8-DIP (0.300", 7.62mm), 7 Leads Supplier Device Package 7DIP Mounting Type Through Hole	Fault Protection	Current Limiting, Over Load, Over Temperature
Package / Case 8-DIP (0.300", 7.62mm), 7 Leads Supplier Device Package 7DIP Mounting Type Through Hole	Control Features	Sync
Supplier Device Package 7DIP Mounting Type Through Hole	Operating Temperature	-40°C ~ 140°C (TJ)
Mounting Type Through Hole	Package / Case	8-DIP (0.300", 7.62mm), 7 Leads
	Supplier Device Package	7DIP
Report errors?	Mounting Type	Through Hole
		Report errors?

FSQ510 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 Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

FSQ510 Payment Methods



















FSQ510 Shipping Methods













If you have any question about FSQ510, please do not hesitate to contact us!

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