



## **FSQ510MX Information**



Part Number FSQ510MX

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - AC DC Converters, Offline Switchers

**Description**IC OFFLINE SW PWM 7MLSOP**Package**8-SMD (7 Leads), Gull Wing

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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# **Certified Quality**

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## **FSQ510MX Specifications**

Manufacturer Part Number         FSQ510MX           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Package         8-SMD (7 Leads), Gull Wing           Series         FPSTM           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         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-SMD (7 Leads), Gull Wing           Supplier Device Package         7-MLSOP           Mounting Type         Surface Mount		
CategoryIntegrated Circuits (ICs)PMIC - AC DC Converters, Offline SwitchersPackage8-SMD (7 Leads), Gull WingSeriesFPSTMOutput 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-SMD (7 Leads), Gull WingSupplier Device Package7-MLSOPMounting TypeSurface Mount	Manufacturer Part Number	FSQ510MX
Package8-SMD (7 Leads), Gull WingSeriesFPS™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-SMD (7 Leads), Gull WingSupplier Device Package7-MLSOPMounting TypeSurface Mount	Manufacturer	ON Semiconductor
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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-SMD (7 Leads), Gull Wing  Mounting Type  Surface Mount	Series	FPSTM
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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)  Fault Protection  Current Limiting, Over Load, Over Temperature  Control Features  Operating Temperature  -40°C ~ 140°C (TJ)  Package / Case  8-SMD (7 Leads), Gull Wing  Supplier Device Package  Mounting Type  Surface Mount	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-SMD (7 Leads), Gull Wing  Supplier Device Package  Mounting Type  Surface Mount	Voltage - Breakdown	700V
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Operating Temperature -40°C ~ 140°C (TJ)  Package / Case 8-SMD (7 Leads), Gull Wing  Supplier Device Package 7-MLSOP  Mounting Type Surface Mount	Fault Protection	Current Limiting, Over Load, Over Temperature
Package / Case 8-SMD (7 Leads), Gull Wing Supplier Device Package 7-MLSOP Mounting Type Surface Mount	Control Features	Sync
Supplier Device Package 7-MLSOP  Mounting Type Surface Mount	Operating Temperature	-40°C ~ 140°C (TJ)
Mounting Type Surface Mount	Package / Case	8-SMD (7 Leads), Gull Wing
	Supplier Device Package	7-MLSOP
Report errors?	Mounting Type	Surface Mount
		Report errors?

## **FSQ510MX 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.

## **FSQ510MX Payment Methods**



















### **FSQ510MX Shipping Methods**













If you have any question about FSQ510MX, please do not hesitate to contact us!

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