

# FSCM0465RIWDTU

### FSCM0465RIWDTU Information

Heisener.com	 FSCM0465RIWDTU ON Semiconductor Integrated Circuits (ICs) PMIC - AC DC Converters, Offline Switchers IC SWIT PWM GREEN OVP HV I2PAK TO-262-6 Formed Leads For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## FSCM0465RIWDTU Specifications

Manufacturer Part NumberFSCM0465RIWDTUManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)PMIC - AC DC Converters, Offline SwitchersPackageTO-262-6 Formed LeadsSeriesFPS™Output IsolationIsolatedInternal Switch(s)YesVoltage - Breakdown650VYoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle66kHzFrequency - Switching66kHzPower (Watts)70WFull ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageOperating Temperature-25°C ~ 85°C (TA)Package / CaseTO-262-6 Formed LeadsSupplier Device Package12-PAK-6L (Forming)			
Category     Integrated Circuits (ICs)       PMIC - AC DC Converters, Offline Switchers       Package     FO-262-6 Formed Leads       Series     FDS <sup>TM</sup> Output Isolation     Isolated       Internal Switch(s)     Yes       Voltage - Breakdown     650V       Yoltage - Breakdown     650V       Yoltage - Start Up     Iyback       Voltage - Supply (Vcc/Vdd)     8V ~ 20 V       Yoltage - Supply (Vcc/Vdd)     8V ~ 20 V       Prequency - Switching     66Hz       Power (Watts)     70W       Frequency - Switching     6Circuits (ICs)       Outper Limiting, Over Load, Over Temperature, Over Voltage       Power (Watts)     -       Control Features     -       Operating Temperature     -       Operating Temperature     -St <sup>o</sup> C AS <sup>o</sup> C (TA)       Package / Case     TO-262-6 Formed Leads       Supplier Device Package     Iz-PAK-6L (Forming)	Manufacturer Part Number	FSCM0465RIWDTU	
PackagePMIC - AC DC Converters, Offline SwitchersPackageTO-262-6 Formed LeadsSeriesFPS™Output IsolationIsolatedInternal Switch(s)YesVoltage - Breakdown650VTopologyFlybackVoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle80%Frequency - Switching66kHzPower (Watts)70WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageOperating Temperature-25°C ~ 85°C (TA)Package / CaseI2-PAK-6L (Forming)	Manufacturer	ON Semiconductor	
PackageTO-262-6 Formed LeadsSeriesFPSTMOutput IsolationIsolatdInternal Switch(s)YesVoltage Breakdown650VTopologyFlybackYoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle66kHzFrequency - Switching10WFourier Tomotogy70WFull ProtectionCurrent Limiting, Over Load, Over Tomperature, Over VoltagePorating Temperature-Operating Temperatures50°C (TA)Supplier Device Package12-PAK-6L (Forming)	Category	Integrated Circuits (ICs)	
Yer     FPS™       Output Isolation     Isolated       Internal Switch(s)     Yes       Voltage - Breakdown     650V       Topology     Flyback       Voltage - Start Up     12V       Voltage - Supply (Vcc/Vdd)     8 V ~ 20 V       Dyty Cycle     80%       Frequency - Switching     66Hz       Power (Watts)     70W       Frault Protection     Current Limiting, Over Load, Over Temperature, Over Voltage       Operating Temperature     -25°C ~ 85°C (TA)       Package / Case     To-262-6 Formed Leads       Supplier Device Package     12-PAK-6L (Forming)		PMIC - AC DC Converters, Offline Switchers	
NumberOutput IsolationIsolatedInternal Switch(s)YesVoltage - Breakdown650VTopologyFlybackVoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle80%Frequency - Switching66kHzPower (Watts)70WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageOperating Temperature-Operating Temperature25°C ~ 85°C (TA)Package / CaseIO-262-6 Formed LeadsSupplier Device Package12-PAK-6L (Forming)	Package	TO-262-6 Formed Leads	
Internal Switch(s)     Yes       Voltage - Breakdown     650V       Topology     Flyback       Voltage - Start Up     12V       Voltage - Supply (Vcc/Vdd)     8 V ~ 20 V       Duty Cycle     80%       Frequency - Switching     66kHz       Power (Watts)     70W       Frequency Fautrence     70W       Fourter Limiting, Over Load, Over Temperature, Over Voltage       Power (Watts)     -       Operating Temperature     -50°C ~ 85°C (TA)       Package / Case     To-262e Formed Leads       Supplier Device Package     Li-PAK-6L (Forming)	Series	FPS <sup>TM</sup>	
Voltage - Breakdown650VTopologyFlybackVoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle80%Frequency - Switching66kHzPower (Watts)70WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageOperating Temperature-Operating Temperature50°C ~ 85°C (TA)Package / CaseID-262-6 Formed LeadsSupplier Device PackageI2-PAK-6L (Forming)	Output Isolation	Isolated	
TopologyFlybackVoltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle80%Frequency - Switching66kHzPower (Watts)70WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl Features-Operating Temperature-S°C ~ 85°C (TA)Package / CaseIO-262-6 Formed LeadsSupplier Device PackageI2-PAK-6L (Forming)	Internal Switch(s)	Yes	
Voltage - Start Up12VVoltage - Supply (Vcc/Vdd)8 V ~ 20 VDuty Cycle80%Frequency - Switching66kHzPower (Watts)70WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl Features-Operating Temperature-25°C ~ 85°C (TA)Package / CaseTO-262-6 Formed LeadsSupplier Device Package12-PAK-6L (Forming)	Voltage - Breakdown	650V	
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Duty Cycle80%Frequency - Switching66kHzPower (Watts)70WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl Features-Operating Temperature-25°C ~ 85°C (TA)Package / CaseTO-262-6 Formed LeadsSupplier Device Package12-PAK-6L (Forming)	Voltage - Start Up	12V	
Frequency - Switching66kHzPower (Watts)70WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl Features-Operating Temperature-25°C ~ 85°C (TA)Package / CaseTO-262-6 Formed LeadsSupplier Device Package12-PAK-6L (Forming)	Voltage - Supply (Vcc/Vdd)	8 V ~ 20 V	
Power (Watts)70WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl Features-Operating Temperature-25°C ~ 85°C (TA)Package / CaseTO-262-6 Formed LeadsSupplier Device Package12-PAK-6L (Forming)	Duty Cycle	80%	
Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl Features-Operating Temperature-25°C ~ 85°C (TA)Package / CaseTO-262-6 Formed LeadsSupplier Device Package12-PAK-6L (Forming)	Frequency - Switching	66kHz	
Control Features-Operating Temperature-25°C ~ 85°C (TA)Package / CaseTO-262-6 Formed LeadsSupplier Device PackageI2-PAK-6L (Forming)	Power (Watts)	70W	
Operating Temperature-25°C ~ 85°C (TA)Package / CaseTO-262-6 Formed LeadsSupplier Device PackageI2-PAK-6L (Forming)	Fault Protection	Current Limiting, Over Load, Over Temperature, Over Voltage	
Package / CaseTO-262-6 Formed LeadsSupplier Device PackageI2-PAK-6L (Forming)	Control Features	-	
Supplier Device Package I2-PAK-6L (Forming)	Operating Temperature	-25°C ~ 85°C (TA)	
	Package / Case	TO-262-6 Formed Leads	
Mounting Type Surface Mount	Supplier Device Package	I2-PAK-6L (Forming)	
	Mounting Type	Surface Mount	
Report errors?			Report errors?

### FSCM0465RIWDTU 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.

### FSCM0465RIWDTU Payment Methods



If you have any question about FSCM0465RIWDTU, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com