

# KA5H0280RTU

a Quote

#### **KA5H0280RTU Information**

www.helsee.com	Part Number	KA5H0280RTU	
	Manufacturer	ON Semiconductor	ाना जन्द
	Category	Integrated Circuits (ICs) PMIC - AC DC Converters, Offline Switchers	
	Description	IC SWIT PWM CM OVP UVLO HV TO220	665
111	Package	TO-220-4 Full Pack	
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request

# **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.



## **KA5H0280RTU** Specifications

Manufacturer Part NumberKA5H0280RTUManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)PMIC - AC DC Converters, Offline SwitchersPackageTO-220-4 Full PackSeriesFPS™Output Isolation-Internal Switch(s)YesVoltage - Breakdown800VYoltage - Start UpIySVoltage - Supply (Vcc/Vdd)8.8 V ~ 30 VDuty Cycle67%Frequency - Switching100HHzPower (Watts)-Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageOprating Temperature-25°C ~ 85°C (TA)Package / CaseTO-220F 4LMounting TypeThrough Hole				
Category Integrated Circuits (ICs)   PMIC - AC DC Converters, Offline Switchers   Package TO-220-4 Full Pack   Series FDS™   Output Isolation -   Internal Switch(s) Yes   Voltage - Breakdown 800V   Topology Flyback, Forward   Voltage - Start Up IstVack, Forward   Voltage - Supply (Vcc/Vdd) 8.8 V ~ 30 V   Power (Watts) -   Power (Watts) Output Linding, Over Load, Over Temperature, Over Voltage   Control Features Soft Start   Operating Temperature -S°C ~ AS°C (TA)   Package / Case TO-220-4 Full Pack	Manufacturer Part Number	KA5H0280RTU		
PackagePMC - AC DC Converters, Offline SwitchersPackageTO-220-4 Full PackSeriesFPS™Output Isolation-Internal Switch(s)YesVoltage - Breakdown800VTopologyFlyback, ForwardVoltage - Start Up15VVoltage - Supply (Vcc/Vdd)8.8 V ~ 30 VDuty Cycle67%Frequency - Switching100kHzPower (Watts)-Fault ProtectionSoft StartOperating Temperature-25°C ~ 85°C (TA)Package / CaseTO-220F-4L	Manufacturer	ON Semiconductor		
PackageTO-220-4 Full PackSeriesFPSTMOutput Isolation-Internal Switch(s)YesVoltage - Breakdown800VTopologyFlyback, ForwardYoltage - Start Up5VVoltage - Supply (Vcc/Vdd)8.8 V ~ 30 VDuty Cycle67%Frequency - Switching100 HIZPower (Watts)-Full ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageOprating Temperature25°C ~ 85°C (TA)Package / CaseTO-2204 Full PackSupplier Device PackageTO-2204 Full Pack	Category	Integrated Circuits (ICs)		
SeriesFPSTMOutput Isolation-Internal Switch(s)YesVoltage - Breakdown800VTopologyFlyback, ForwardVoltage - Start Up15VVoltage - Supply (Vcc/Vdd)8.8 V ~ 30 VDuty Cycle67%Frequency - Switching100kHzPower (Watts)-Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageOperating Temperature-5°C ~ 85°C (TA)Package / CaseTO-220F-4L		PMIC - AC DC Converters, Offline Switchers		
Output Isolation-Output Isolation-Internal Switch(s)YesVoltage - Breakdown800VTopologyFlyback, ForwardVoltage - Start Up15VVoltage - Supply (Vcc/Vdd)8.8 V ~ 30 VDuty Cycle67%Frequency - Switching100kHzPower (Watts)-Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageOperating Temperature-25°C ~ 85°C (TA)Package / CaseTO-220-4 Full PackSupplier Device PackageTO-220F-4L	Package	TO-220-4 Full Pack		
Internal Switch(s)YesVoltage - Breakdown800VTopologyFlyback, ForwardYoltage - Start Up15VVoltage - Supply (Vcc/Vdd)8.8 V ~ 30 VDuty Cycle67%Frequency - Switching100kHzPower (Watts)-Fault ProtectionCurrent Limiting, Over Temperature, Over VoltageOperating Temperature-5°C ~ 85°C (TA)Package / CaseTO-220F-4L	Series	FPS <sup>TM</sup>		
Voltage - Breakdown800VTopologyFlyback, ForwardVoltage - Start Up15VVoltage - Supply (Vcc/Vdd)8.8 V ~ 30 VDuty Cycle67%Frequency - Switching100kHzPower (Watts)-Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageOperating Temperature-50°C ~ 85°C (TA)Package / CaseTO-220F-4L	Output Isolation	-		
TopologyFlyback, ForwardVoltage - Start Up15VVoltage - Supply (Vcc/Vd)8.8 V ~ 30 VDuty Cycle67%Frequency - Switching100kHzPower (Watts)-Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSoft StartOperating Temperature-25°C ~ 45°C (TA)Package / CaseTO-220-4 Full PackSupplier Device PackageTO-220F-4L	Internal Switch(s)	Yes		
Voltage - Start Up15VVoltage - Supply (Vcc/Vdd)8.8 V ~ 30 VDuty Cycle67%Frequency - Switching100kHzPower (Watts)-Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSoft StartOperating Temperature-25°C ~ 85°C (TA)Package / CaseTO-220F-4LSupplier Device PackageTO-220F-4L	Voltage - Breakdown	800V		
Voltage - Supply (Vcc/Vdd)8.8 V ~ 30 VDuty Cycle67%Frequency - Switching100kHzPower (Watts)-Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSoft StartOperating Temperature-25°C ~ 85°C (TA)Package / CaseTO-220-4 Full PackSupplier Device PackageTO-220F-4L	Topology	Flyback, Forward		
Duty Cycle67%Frequency - Switching100kHzPower (Watts)-Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSoft StartOperating Temperature-25°C ~ 85°C (TA)Package / CaseTO-220-4 Full PackSupplier Device PackageTO-220F-4L	Voltage - Start Up	15V		
Frequency - Switching100kHzPower (Watts)-Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSoft StartOperating Temperature-25°C ~ 85°C (TA)Package / CaseTO-220-4 Full PackSupplier Device PackageTO-220F-4L	Voltage - Supply (Vcc/Vdd)	8.8 V ~ 30 V		
Power (Watts)-Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSoft StartOperating Temperature-25°C ~ 85°C (TA)Package / CaseTO-220-4 Full PackSupplier Device PackageTO-220F-4L	Duty Cycle	67%		
Fault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl FeaturesSoft StartOperating Temperature-25°C ~ 85°C (TA)Package / CaseTO-220-4 Full PackSupplier Device PackageTO-220F-4L	Frequency - Switching	100kHz		
Control FeaturesSoft StartOperating Temperature-25°C ~ 85°C (TA)Package / CaseTO-220-4 Full PackSupplier Device PackageTO-220F-4L	Power (Watts)	-		
Operating Temperature-25°C ~ 85°C (TA)Package / CaseTO-220-4 Full PackSupplier Device PackageTO-220F-4L	Fault Protection	Current Limiting, Over Load, Over Temperature, Over Voltage		
Package / CaseTO-220-4 Full PackSupplier Device PackageTO-220F-4L	Control Features	Soft Start		
Supplier Device Package TO-220F-4L	Operating Temperature	-25°C ~ 85°C (TA)		
	Package / Case	TO-220-4 Full Pack		
Mounting Type Through Hole	Supplier Device Package	TO-220F-4L		
	Mounting Type	Through Hole		
Report errors?			Report errors?	

#### **KA5H0280RTU 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 EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# **KA5H0280RTU Payment Methods**





If you have any question about KA5H0280RTU, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com