



FSFR1800HS Information



For Reference Only

Part Number FSFR1800HS

Manufacturer Fairchild/ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - AC DC Converters, Offline Switchers

DescriptionIC FPS HALF BRIDGE RES CONV 9SIPPackage10-SIP Module, 9 Leads, Formed Leads

For the pricing/inventory/lead time, please contact

us

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



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FSFR1800HS Specifications

Manufacturer Part NumberFSFR1800HSManufacturerFairchild/ON SemiconductorCategoryIntegrated Circuits (ICs)Package10-SIP Module, 9 Leads, Formed LeadsSeriesFSFR-HSOutput IsolationIsolatedInternal Switch(s)YesVoltage - Breakdown500VTopologyHalf-BridgeVoltage - Start Up12.5VVoltage - Supply (Vcc/Vdd)10 V ~ 25 VDuty Cycle50%Frequency - SwitchingUp to 600kHzPower (Watts)260WFault ProtectionCurrent Limiting, Over Temperature, Over VoltageControl FeaturesFrequency ControlOperating Temperature-40°C ~ 130°C (TJ)Package / Case10-SIP Module, 9 Leads, Formed LeadsSupplier Device Package9-SIPMounting TypeThrough Hole	•	
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Internal Switch(s) Voltage - Breakdown 500V Topology Half-Bridge Voltage - Start Up 12.5V Voltage - Supply (Vcc/Vdd) 10 V ~ 25 V Duty Cycle 50% Frequency - Switching Up to 600kHz Power (Watts) 260W Fault Protection Current Limiting, Over Temperature, Over Voltage Control Features Frequency - Gontrol Operating Temperature -40°C ~ 130°C (TJ) Package / Case 10-SIP Module, 9 Leads, Formed Leads Supplier Device Package Mounting Type Through Hole	Series	FSFR-HS
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Topology Half-Bridge Voltage - Start Up 12.5V Voltage - Supply (Vcc/Vdd) 10 V ~ 25 V Duty Cycle 50% Frequency - Switching Up to 600kHz Power (Watts) Fault Protection Current Limiting, Over Temperature, Over Voltage Control Features Operating Temperature -40°C ~ 130°C (TJ) Package / Case 10-SIP Module, 9 Leads, Formed Leads Supplier Device Package Mounting Type Through Hole	Internal Switch(s)	Yes
Voltage - Start Up Voltage - Supply (Vcc/Vdd) 10 V ~ 25 V Duty Cycle 50% Frequency - Switching Up to 600kHz Power (Watts) 260W Fault Protection Current Limiting, Over Temperature, Over Voltage Control Features Operating Temperature -40°C ~ 130°C (TJ) Package / Case 10-SIP Module, 9 Leads, Formed Leads Supplier Device Package Mounting Type Through Hole	Voltage - Breakdown	500V
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Duty Cycle 50% Frequency - Switching Up to 600kHz Power (Watts) 260W Fault Protection Current Limiting, Over Temperature, Over Voltage Control Features Frequency Control Operating Temperature -40°C ~ 130°C (TJ) Package / Case 10-SIP Module, 9 Leads, Formed Leads Supplier Device Package 9-SIP Mounting Type Through Hole	Voltage - Start Up	12.5V
Frequency - Switching Power (Watts) 260W Fault Protection Current Limiting, Over Temperature, Over Voltage Control Features Frequency Control Operating Temperature -40°C ~ 130°C (TJ) Package / Case 10-SIP Module, 9 Leads, Formed Leads Supplier Device Package 9-SIP Mounting Type Through Hole	Voltage - Supply (Vcc/Vdd)	10 V ~ 25 V
Power (Watts) 260W Fault Protection Current Limiting, Over Temperature, Over Voltage Control Features Frequency Control Operating Temperature -40°C ~ 130°C (TJ) Package / Case 10-SIP Module, 9 Leads, Formed Leads Supplier Device Package 9-SIP Mounting Type Through Hole	Duty Cycle	50%
Fault Protection Current Limiting, Over Temperature, Over Voltage Frequency Control Operating Temperature -40°C ~ 130°C (TJ) Package / Case 10-SIP Module, 9 Leads, Formed Leads Supplier Device Package 9-SIP Mounting Type Through Hole	Frequency - Switching	Up to 600kHz
Control Features Frequency Control Operating Temperature -40°C ~ 130°C (TJ) Package / Case 10-SIP Module, 9 Leads, Formed Leads Supplier Device Package 9-SIP Mounting Type Through Hole	Power (Watts)	260W
Operating Temperature -40°C ~ 130°C (TJ) Package / Case 10-SIP Module, 9 Leads, Formed Leads Supplier Device Package 9-SIP Mounting Type Through Hole	Fault Protection	Current Limiting, Over Temperature, Over Voltage
Package / Case 10-SIP Module, 9 Leads, Formed Leads Supplier Device Package 9-SIP Mounting Type Through Hole	Control Features	Frequency Control
Supplier Device Package 9-SIP Mounting Type Through Hole	Operating Temperature	-40°C ~ 130°C (TJ)
Mounting Type Through Hole	Package / Case	10-SIP Module, 9 Leads, Formed Leads
- 1.	Supplier Device Package	9-SIP
Report errors?	Mounting Type	Through Hole
		Report errors?

FSFR1800HS 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.

FSFR1800HS Payment Methods



















FSFR1800HS Shipping Methods













If you have any question about FSFR1800HS, please do not hesitate to contact us!

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