

FPF2005 Information



For Reference Only

Part Number FPF2005

Manufacturer Fairchild/ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC SWITCH LOAD FULL FUNC SC70-5

Package 5-TSSOP, SC-70-5, SOT-353
For the pricing/inventory/lead time, please contact

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.









FPF2005 Specifications

Manufacturer FPF2005 Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package 5-TSSOP, SC-70-5, SOT-353 Series IntelliMAX? Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 0.8 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 100mA Rds On (Typ) 700 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	-	
Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package 5-TSSOP, SC-70-5, SOT-353 Series IntelliMAX? Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.8 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 100mA Rds On (Typ) 700 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Manufacturer Part Number	FPF2005
Package 5-TSSOP, SC-70-5, SOT-353 Series IntelliMAX? Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.8 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 100mA Rds On (Typ) 700 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Manufacturer	Fairchild/ON Semiconductor
Package 5-TSSOP, SC-70-5, SOT-353 Series IntelliMAX? Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.8 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 100mA Rds On (Typ) 700 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Category	Integrated Circuits (ICs)
SeriesIntelliMAX?Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelInterfaceOn/OffVoltage - Load $1.8 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max) 100mA Rds On (Typ) 700 mOhm Input TypeNon-InvertingFeaturesAuto Restart, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Package / Case 5 -TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5		PMIC - Power Distribution Switches, Load Drivers
Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelInterfaceOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)100mARds On (Typ)700 mOhmInput TypeNon-InvertingFeaturesAuto Restart, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Package	5-TSSOP, SC-70-5, SOT-353
Number of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelInterfaceOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)100mARds On (Typ)700 mOhmInput TypeNon-InvertingFeaturesAuto Restart, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Series	IntelliMAX?
Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelInterfaceOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)100mARds On (Typ)700 mOhmInput TypeNon-InvertingFeaturesAuto Restart, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Switch Type	General Purpose
Output Configuration Output Type P-Channel Interface On/Off Voltage - Load 1.8 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Operating Temperature -40°C ~ 85°C (TA) Package / Case SC-70-5 Supplier Device Package P-Channel Po-Channel Po-Channel Po-Channel Non-Greating Temperature High Side Po-Channel Po-Channel Non-Opff Non-Inverting Auto Restart, Status Flag SC-70-5	Number of Outputs	1
Output TypeP-ChannelInterfaceOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)100mARds On (Typ)700 mOhmInput TypeNon-InvertingFeaturesAuto Restart, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Ratio - Input:Output	1:1
Interface On/Off Voltage - Load 1.8 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 100mA Rds On (Typ) 700 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Output Configuration	High Side
Voltage - Load 1.8 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 100mA Rds On (Typ) 700 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Output Type	P-Channel
Voltage - Supply (Vcc/Vdd) Current - Output (Max) Rds On (Typ) 700 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Interface	On/Off
Current - Output (Max) Rds On (Typ) 700 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Voltage - Load	1.8 V ~ 5.5 V
Rds On (Typ) 700 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Current - Output (Max)	100mA
Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Rds On (Typ)	700 mOhm
Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Input Type	Non-Inverting
Operating Temperature -40°C ~ 85°C (TA) Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Features	Auto Restart, Status Flag
Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Fault Protection	Current Limiting (Fixed), Over Temperature, UVLO
Supplier Device Package SC-70-5	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	5-TSSOP, SC-70-5, SOT-353
Report errors?	Supplier Device Package	SC-70-5
		Report errors?

FPF2005 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.

FPF2005 Payment Methods





















FPF2005 Shipping Methods













If you have any question about FPF2005, please do not hesitate to contact us!

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