

#### **FPF2503 Information**



For Reference Only

Part Number FPF2503

Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

**Description** IC LOAD SWITCH FIX CURR SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



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## **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.









# **FPF2503 Specifications**

Manufacturer Part Number         FPF2503           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           PMIC - Power Distribution Switches, Load Drivers           Package         SC-74A, SOT-753           Series         IntelliMAX™           Switch Type         General Purpose           Number of Outputs         1           Ratio - Input:Output         1:1           Output Configuration         High Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         4.5 V ~ 20 V           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         600mA           Rds On (Typ)         230 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         SC-74A, SOT-753           Supplier Device Package         SOT-23-5		
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Interface On/Off  Voltage - Load 4.5 V ~ 20 V  Voltage - Supply (Vcc/Vdd) Not Required  Current - Output (Max) 600mA  Rds On (Typ) 230 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 SC-74A, SOT-753  Supplier Device Package SOT-23-5	Output Configuration	High Side
Voltage - Load  4.5 V ~ 20 V  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  600mA  Rds On (Typ)  230 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  SC-74A, SOT-753  Supplier Device Package  SOT-23-5	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd)  Current - Output (Max)  Rds On (Typ)  1nput 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  SC-74A, SOT-753  Supplier Device Package  SOT-23-5	Interface	On/Off
Current - Output (Max)  Rds On (Typ)  230 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  SC-74A, SOT-753  Supplier Device Package  SOT-23-5	Voltage - Load	4.5 V ~ 20 V
Rds On (Typ)  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  SC-74A, SOT-753  Supplier Device Package  SOT-23-5	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  SC-74A, SOT-753  Supplier Device Package  SOT-23-5	Current - Output (Max)	600mA
Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Rds On (Typ)	230 mOhm
Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Input Type	Non-Inverting
Operating Temperature -40°C ~ 85°C (TA)  Package / Case SC-74A, SOT-753  Supplier Device Package SOT-23-5	Features	Auto Restart, Status Flag
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Fault Protection	Current Limiting (Fixed), Over Temperature, UVLO
Supplier Device Package SOT-23-5	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-23-5
		Report errors?

### **FPF2503 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.

### **FPF2503 Payment Methods**





















### **FPF2503 Shipping Methods**













If you have any question about FPF2503, please do not hesitate to contact us!

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