

FPF2201 Information



For Reference Only

Part Number FPF2201

Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC LOAD SWITCH 500MA 6-MICROFET

Package 6-VDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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FPF2201 Specifications

Manufacturer Part Number FPF2201 Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package 6-VDFN Exposed Pad Series - 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) 500mA Rds On (Typ) 140 mOhm Input Type Non-Inverting Features Load Discharge, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-MicroFET (2x2)		
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Package6-VDFN Exposed PadSeries-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)500mARds On (Typ)140 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Category	Integrated Circuits (ICs)
Series-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)500mARds On (Typ)140 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent L Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)		PMIC - Power Distribution Switches, Load Drivers
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Number of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelInterfaceOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)140 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Series	-
Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelInterfaceOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)140 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Switch Type	General Purpose
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) 500mA Rds On (Typ) 140 mOhm Input Type Non-Inverting Features Load Discharge, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-MicroFET (2x2)	Number of Outputs	1
Output TypeP-ChannelInterfaceOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)140 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	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) 500mA Rds On (Typ) 140 mOhm Input Type Non-Inverting Features Load Discharge, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-WicroFET (2x2)	Output Configuration	High Side
Voltage - Load 1.8 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) 140 mOhm Input Type Non-Inverting Features Load Discharge, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-MicroFET (2x2)	Output Type	P-Channel
Voltage - Supply (Vcc/Vdd) Current - Output (Max) Rds On (Typ) 140 mOhm Input Type Non-Inverting Features Load Discharge, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-MicroFET (2x2)	Interface	On/Off
Current - Output (Max) Rds On (Typ) 140 mOhm Input Type Non-Inverting Features Load Discharge, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-MicroFET (2x2)	Voltage - Load	1.8 V ~ 5.5 V
Rds On (Typ) Input Type Non-Inverting Features Load Discharge, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-MicroFET (2x2)	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features Load Discharge, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-MicroFET (2x2)	Current - Output (Max)	500mA
Features Load Discharge, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-MicroFET (2x2)	Rds On (Typ)	140 mOhm
Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-MicroFET (2x2)	Input Type	Non-Inverting
Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-MicroFET (2x2)	Features	Load Discharge, Status Flag
Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-MicroFET (2x2)	Fault Protection	Current Limiting (Fixed), Over Temperature, UVLO
Supplier Device Package 6-MicroFET (2x2)	Operating Temperature	-40°C ~ 85°C (TA)
**	Package / Case	6-VDFN Exposed Pad
Report errors?	Supplier Device Package	6-MicroFET (2x2)
		Report errors?

FPF2201 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.

FPF2201 Payment Methods



















FPF2201 Shipping Methods













If you have any question about FPF2201, please do not hesitate to contact us!

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