

FPF2215

FPF2215 Information



Part Number	FPF2215	
Manufacturer	Fairchild/ON Semiconductor	
Category	Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers	
Description	IC LOAD SWITCH MICROFET6	
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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FPF2215 Specifications

Series-Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelNumfer 6On/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)250mARds On (Typ)Son OhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLO	•	
CategoryIntegrated Circuits (ICs) PMIC - Power Distribution Switches, Load DriversPackage6-VDFN Exposed PadSeries-Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelVoltage - LoadNor RequiredVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Nor RequiredQurrent - Output (Max)250mARds On (Typ)Son InvertingFaturesLoad Discharge, Status FlagFaturesCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-MDFN Exposed PadSupplier Device Package6-MicroFET (222)	Manufacturer Part Number	FPF2215
PMIC - Power Distribution Switches, Load DriversPackage6-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)250 mARds On (Typ)250 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-MICROFET (2x2)	Manufacturer	Fairchild/ON Semiconductor
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 RequiredQurent - Output (Max)250mARaton (Typ)Sol on/InFeaturesInal Scharge, Status FlagFourt protection- Avo° ~ 85°C (TA)Operating Penckage6-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)250mARds On (Typ)Son OhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)		PMIC - Power Distribution Switches, Load Drivers
Switch TypeGeneral PurposeSwitch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelOutput TypeOn/OffInterfaceOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)250mARds On (Typ)Son OhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-MicroFET (2x2)	Package	6-VDFN Exposed Pad
Number of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelOutput TypeOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)250mARds On (Typ)250 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Supplier 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)250mARds On (Typ)Son OhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-WIENFET (2x2)	Switch Type	General Purpose
Output ConfigurationHigh SideOutput TypeP-ChannelOntoffOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vd)Not RequiredCurrent - Output (Max)250mARds On (Typ)250 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Number of Outputs	1
Output TypeP-ChannelInterfaceOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)250mARds On (Typ)250 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Ratio - Input:Output	1:1
InterfaceOn/OffVoltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)250mARds On (Typ)250 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Output Configuration	High Side
Voltage - Load1.8 V ~ 5.5 VVoltage - Supply (Vcc/Vd)Not RequiredCurrent - Output (Max)250mARds On (Typ)250 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Output Type	P-Channel
Voltage - Supply (Vcc/Vdd)Not RequiredVorrent - Output (Max)250mARds On (Typ)250 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Interface	On/Off
Current - Output (Max)250mARds On (Typ)250 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Voltage - Load	1.8 V ~ 5.5 V
Rds On (Typ)250 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Voltage - Supply (Vcc/Vdd)	Not Required
Input TypeNon-InvertingFeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Current - Output (Max)	250mA
FeaturesLoad Discharge, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Rds On (Typ)	250 mOhm
Fault ProtectionCurrent Limiting (Adjustable), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Input Type	Non-Inverting
Operating Temperature-40°C ~ 85°C (TA)Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Features	Load Discharge, Status Flag
Package / Case6-VDFN Exposed PadSupplier Device Package6-MicroFET (2x2)	Fault Protection	Current Limiting (Adjustable), Over Temperature, UVLO
Supplier Device Package6-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?

FPF2215 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.

CE Servio

Service Guarantees We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.



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