



## FPF2006\_NBAA006 Information

Heisener.com

Part Number FPF2006\_NBAA006

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

**Description**INTEGRATED CIRCUIT**Package**5-TSSOP, SC-70-5, SOT-353

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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# **Certified Quality**

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## FPF2006\_NBAA006 Specifications

Manufacturer         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         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         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         IntelliMAXTM           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         Status Flag           Faultrection         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	FPF2006_NBAA006
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         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	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       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)
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         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		PMIC - Power Distribution Switches, Load Drivers
Switch Type  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)  Rds On (Typ)  700 mOhm  Input Type  Non-Inverting Features  Status Flag  Fault Protection  Current Limiting (Fixed), Over Temperature, UVLO  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  S-TSSOP, SC-70-5, SOT-353  Supplier Device Package  SC-70-5	Package	5-TSSOP, SC-70-5, SOT-353
Number of Outputs  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)  Rds On (Typ)  700 mOhm  Input Type  Non-Inverting  Features  Status Flag  Fault Protection  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  Supplier Device Package  SC-70-5	Series	IntelliMAX <sup>TM</sup>
Ratio - Input:Output 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 Status Flag Fault Protection Operating Temperature -40°C ~ 85°C (TA) Package / Case Supplier Device Package Status Flag SC-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)  Rds On (Typ)  700 mOhm  Input Type  Non-Inverting  Features  Status Flag  Fault Protection  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  SC-70-5  SUPPlier Device Package	Number of Outputs	1
Output Type 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 Status Flag  Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA)  Package / Case S-TSSOP, SC-70-5, SOT-353  Supplier Device Package S-TSSOP, SC-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 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)  Rds On (Typ)  700 mOhm  Input Type  Non-Inverting  Features  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)  Not Required  Current - Output (Max)  Rds On (Typ)  700 mOhm  Input Type  Non-Inverting  Features  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  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 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  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  Status Flag  Fault Protection  Current Limiting (Fixed), Over Temperature, UVLO  -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  -40°C ~ 85°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	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:		Report errors?

## FPF2006\_NBAA006 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.

## FPF2006\_NBAA006 Payment Methods





















## FPF2006\_NBAA006 Shipping Methods













If you have any question about FPF2006\_NBAA006, please do not hesitate to contact us!

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