

IPS5451 Information

Heisener.com

Part Number IPS5451

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC MOSFET HS PWR SW 35A TO-220-5

Package TO-220-5

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.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.









IPS5451 Specifications

Manufacturer Part Number Manufacturer Infineon Technologies Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package TO-220-5 Switch Type General Purpose Number of Outputs I 1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Radio - Input Type Non-Inverting Features Auto Restart
Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package TO-220-5 Series - 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 Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Ratio O(Typ) Input Type Non-Inverting Non-Inverting
Package TO-220-5 Series - Switch Type General Purpose Number of Outputs 1:1 Patio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 5.5 V ~ 18 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 4A Rds On (Typ) 19 mOhm Input Type No-Inverting
Package TO-220-5 Series - 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 5.5 V ~ 18 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 4A Rds On (Typ) 19 mOhm Input Type Non-Inverting
Series - 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 5.5 V ~ 18 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 4A Rds On (Typ) 19 mOhm Input Type Non-Inverting
Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration Dutput Type N-Channel On/Off Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) Input Type Non-Inverting
Number of Outputs Ratio - Input:Output 1:1 Output Configuration Utput Type N-Channel Interface On/Off Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) Input Type Non-Inverting
Ratio - Input:Output Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) Input Type Non-Inverting
Output Configuration High Side Output Type N-Channel On/Off Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) Input Type Non-Inverting
Output Type N-Channel On/Off Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) Input Type N-Channel N-Channel N-Channel N-Channel N-Channel Nor-Inverting
Interface On/Off Voltage - Load 5.5 V ~ 18 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 4A Rds On (Typ) 19 mOhm Input Type Non-Inverting
Voltage - Load 5.5 V ~ 18 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) 19 mOhm Input Type Non-Inverting
Voltage - Supply (Vcc/Vdd) Current - Output (Max) Rds On (Typ) Input Type Non-Inverting
Current - Output (Max) Rds On (Typ) Input Type AA Non-Inverting
Rds On (Typ) 19 mOhm Input Type Non-Inverting
Input Type Non-Inverting
Features Auto Restart
Fault Protection Current Limiting (Fixed), Open Load Detect, Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$
Package / Case TO-220-5
Supplier Device Package TO-220AB (5-LEAD)
Report errors

IPS5451 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.

IPS5451 Payment Methods



















IPS5451 Shipping Methods













If you have any question about IPS5451, please do not hesitate to contact us!

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