

# IRS2607DSTRPBF

### **IRS2607DSTRPBF Information**



For Reference Only

Part Number IRS2607DSTRPBF

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

**Description** IC DVR MOSFET/IGBT N-CH 8-SOIC

Package 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

### **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.









## **IRS2607DSTRPBF Specifications**

Manufacturer Part NumberIRS2607DSTRPBFManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-SOIC (0.154", 3.90mm Width)Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply10 V ~ 20 VLogic Voltage - VIL, VIH0.8V, 2.2VCurrent - Peak Output (Source, Sink)200mA, 350mAInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)600V
Category  Integrated Circuits (ICs)  PMIC - Gate Drivers  Package  8-SOIC (0.154", 3.90mm Width)  Series  - Driven Configuration  Half-Bridge Channel Type Independent  Number of Drivers  2  Gate Type IGBT, N-Channel MOSFET  Voltage - Supply  Logic Voltage - VIL, VIH  0.8V, 2.2V  Current - Peak Output (Source, Sink) Input Type Non-Inverting
PMIC - Gate Drivers  Package  8-SOIC (0.154", 3.90mm Width)  Series  - Driven Configuration  Half-Bridge Channel Type Independent  Number of Drivers  2  Gate Type IGBT, N-Channel MOSFET  Voltage - Supply 10 V ~ 20 V  Logic Voltage - VIL, VIH 0.8V, 2.2V  Current - Peak Output (Source, Sink) Input Type Non-Inverting
Package 8-SOIC (0.154", 3.90mm Width)  Series -  Driven Configuration Half-Bridge Channel Type Independent  Number of Drivers 2  Gate Type IGBT, N-Channel MOSFET  Voltage - Supply 10 V ~ 20 V  Logic Voltage - VIL, VIH 0.8V, 2.2V  Current - Peak Output (Source, Sink) 200mA, 350mA  Input Type Non-Inverting
Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 10 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 2.2V Current - Peak Output (Source, Sink) 200mA, 350mA Input Type Non-Inverting
Driven Configuration  Channel Type  Independent  Number of Drivers  2  Gate Type  IGBT, N-Channel MOSFET  Voltage - Supply  10 V ~ 20 V  Logic Voltage - VIL, VIH  0.8V, 2.2V  Current - Peak Output (Source, Sink)  Input Type  Half-Bridge  Independent  2  0.8V, 2.2V  Non-Inverting
Channel Type Independent  Number of Drivers 2  Gate Type IGBT, N-Channel MOSFET  Voltage - Supply 10 V ~ 20 V  Logic Voltage - VIL, VIH 0.8V, 2.2V  Current - Peak Output (Source, Sink) 200mA, 350mA  Input Type Non-Inverting
Number of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply10 V ~ 20 VLogic Voltage - VIL, VIH0.8V, 2.2VCurrent - Peak Output (Source, Sink)200mA, 350mAInput TypeNon-Inverting
Voltage - Supply $10 \text{ V} \sim 20 \text{ V}$ Logic Voltage - VIL, VIH $0.8 \text{V}, 2.2 \text{V}$ Current - Peak Output (Source, Sink) $200 \text{mA}, 350 \text{mA}$ Input Type $Non-Inverting$
Logic Voltage - VIL, VIH  Current - Peak Output (Source, Sink)  Input Type  O.8V, 2.2V  200mA, 350mA  Non-Inverting
Current - Peak Output (Source, Sink)  Input Type  200mA, 350mA  Non-Inverting
Input Type Non-Inverting
High Side Voltage - Max (Bootstrap) 600V
Rise / Fall Time (Typ) 150ns, 50ns
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$
Mounting Type Surface Mount
Package / Case 8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC
Report errors?

#### **IRS2607DSTRPBF** 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.

## **IRS2607DSTRPBF Payment Methods**



















# **IRS2607DSTRPBF Shipping Methods**













If you have any question about IRS2607DSTRPBF, please do not hesitate to contact us!

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