



IRS21962SPBF Information

www.helsene.

Part Number IRS21962SPBF

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DVR HI SIDE DUAL 600V 16-SOIC

Package 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









IRS21962SPBF Specifications

Manufacturer Part Number IRS21962SPBF Manufacturer Infineon Technologies Category Integrated Circuits (ICs) Package 16-SOIC (0.154", 3.90mm Width) Series - Driven Configuration High-Side Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 10 V ~ 20 V Logic Voltage - VIL, VIH 0.6V, 3.5V Current - Peak Output (Source, Sink) 500mA, 500mA Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 25ns, 25ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC		
CategoryIntegrated Circuits (ICs)PACKAGEPMIC - Gate DriversPackage16-SOIC (0.154", 3.90mm Width)Series-Driven ConfigurationHigh-SideChannel TypeIndependentNumber of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply10 V ~ 20 VLogic Voltage - VIL, VIH0.6V, 3.5VCurrent - Peak Output (Source, Sink)500mA, 500mAInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)25ns, 25nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Manufacturer Part Number	IRS21962SPBF
Package 16-SOIC (0.154", 3.90mm Width) Series - Driven Configuration High-Side Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 10 V ~ 20 V Logic Voltage - VIL, VIH 0.6V, 3.5V Current - Peak Output (Source, Sink) 500mA, 500mA Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 25ns, 25ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Manufacturer	Infineon Technologies
Package16-SOIC (0.154", 3.90mm Width)Series-Driven ConfigurationHigh-SideChannel TypeIndependentNumber of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply10 V ~ 20 VLogic Voltage - VIL, VIH0.6V, 3.5VCurrent - Peak Output (Source, Sink)500mA, 500mAInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)25ns, 25nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Category	Integrated Circuits (ICs)
Series-Driven ConfigurationHigh-SideChannel TypeIndependentNumber of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply10 V ~ 20 VLogic Voltage - VIL, VIH0.6V, 3.5VCurrent - Peak Output (Source, Sink)500mA, 500mAInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)25ns, 25nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC		PMIC - Gate Drivers
Driven Configuration Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.6V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC High-Side Independent High-Side 1000	Package	16-SOIC (0.154", 3.90mm Width)
Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 10 V ~ 20 V Logic Voltage - VIL, VIH 0.6V, 3.5V Current - Peak Output (Source, Sink) 500mA, 500mA Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 25ns, 25ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Series	-
Number of Drivers Gate Type IGBT, N-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.6V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Driven Configuration	High-Side
Gate Type IGBT, N-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.6V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Channel Type	Independent
Voltage - Supply Logic Voltage - VIL, VIH 0.6V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH O.6V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Gate Type	IGBT, N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Supply	10 V ~ 20 V
Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 25ns, 25ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Logic Voltage - VIL, VIH	0.6V, 3.5V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 25ns, 25ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Current - Peak Output (Source, Sink)	500mA, 500mA
Rise / Fall Time (Typ) 25ns, 25ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Input Type	Non-Inverting
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	High Side Voltage - Max (Bootstrap)	600V
Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Rise / Fall Time (Typ)	25ns, 25ns
Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package 16-SOIC	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

IRS21962SPBF 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.

IRS21962SPBF Payment Methods



















IRS21962SPBF Shipping Methods













If you have any question about IRS21962SPBF, please do not hesitate to contact us!

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