



IR11662SPBF Information



For Reference Only

Part Number IR11662SPBF

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC CNTROL SMART RECTIFIER 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.









IR11662SPBF Specifications

Manufacturer Part NumberIR11662SPBFManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)Package8-SOIC (0.154", 3.90mm Width)SeriesAdvanced Smart Rectifier?Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply11.4 V ~ 18 VLogic Voltage - VIL, VIH2V, 2.15VCurrent - Peak Output (Source, Sink)1A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)21ns, 10nsOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOICReport errors?		
CategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-SOIC (0.154", 3.90mm Width)SeriesAdvanced Smart Rectifier?Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply11.4 V ~ 18 VLogic Voltage - VIL, VIH2V, 2.15VCurrent - Peak Output (Source, Sink)1A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)21ns, 10nsOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer Part Number	IR11662SPBF
PackagePMIC - Gate DriversPackage8-SOIC (0.154", 3.90mm Width)SeriesAdvanced Smart Rectifier?Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply11.4 V ~ 18 VLogic Voltage - VIL, VIH2V, 2.15VCurrent - Peak Output (Source, Sink)1A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)21ns, 10nsOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer	Infineon Technologies
Package8-SOIC (0.154", 3.90mm Width)SeriesAdvanced Smart Rectifier?Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply11.4 V ~ 18 VLogic Voltage - VIL, VIH2V, 2.15VCurrent - Peak Output (Source, Sink)1A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)21ns, 10nsOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Category	Integrated Circuits (ICs)
SeriesAdvanced Smart Rectifier?Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel MOSFETVoltage - Supply11.4 V ~ 18 VLogic Voltage - VIL, VIH2V, 2.15VCurrent - Peak Output (Source, Sink)1A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)21ns, 10nsOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC		PMIC - Gate Drivers
Driven Configuration Channel Type Single Number of Drivers 1 Gate Type N-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Package	8-SOIC (0.154", 3.90mm Width)
Channel Type Number of Drivers 1 Gate Type N-Channel MOSFET Voltage - Supply 11.4 V ~ 18 V Logic Voltage - VIL, VIH 2V, 2.15V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Series	Advanced Smart Rectifier?
Number of Drivers Gate Type N-Channel MOSFET Voltage - Supply 11.4 V ~ 18 V Logic Voltage - VIL, VIH 2V, 2.15V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Driven Configuration	Low-Side
Gate TypeN-Channel MOSFETVoltage - Supply $11.4 \text{ V} \sim 18 \text{ V}$ Logic Voltage - VIL, VIH $2\text{V}, 2.15\text{V}$ Current - Peak Output (Source, Sink) $1A, 4A$ Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ) $21\text{ns}, 10\text{ns}$ Operating Temperature $-25^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ)Mounting TypeSurface MountPackage / Case 8-SOIC (0.154", 3.90mm Width)Supplier Device Package 8-SOIC	Channel Type	Single
Voltage - Supply Logic Voltage - VIL, VIH 2V, 2.15V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Drivers	1
Logic Voltage - VIL, VIH2V, 2.15VCurrent - Peak Output (Source, Sink)1A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)21ns, 10nsOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Supply	11.4 V ~ 18 V
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Logic Voltage - VIL, VIH	2V, 2.15V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 21ns, 10ns Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Current - Peak Output (Source, Sink)	1A, 4A
Rise / Fall Time (Typ) Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Input Type	Non-Inverting
Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Rise / Fall Time (Typ)	21ns, 10ns
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-25°C ~ 125°C (TJ)
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

IR11662SPBF 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.

IR11662SPBF Payment Methods

































If you have any question about IR11662SPBF, please do not hesitate to contact us!

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