

High and Low Side Driver has output source/sink current capability of 4A and 4A

Manufacturers	<u>Infinion Technologies Corporation</u>
Package/Case	SOIC-14
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for IRS21864STRPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

600 V High and Low Side Driver IC with typical 4 A source and 4 A sink currents in 14 Lead SOIC package for IGBTs and MOSFETs. Also available in 14 Lead PDIP, 8 Lead SOIC, and 8 Lead PDIP.

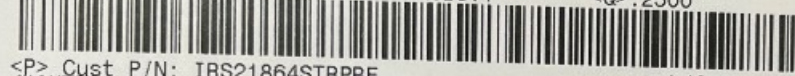
## Features

- Floating channel designed for bootstrap operation
- Fully operational to +600 V
- Tolerant to negative transient voltage, dV/dt immune
- Gate drive supply range from 10 V to 20 V
- Undervoltage lockout for both channels
- 3.3 V and 5 V input logic compatible
- Matched propagation delay for both channels
- Logic and power ground +/- 5 V offset
- Lower di/dt gate driver for better noise immunity
- Output source/sink current capability 4 A/4 A

## Application

- Home appliances
- Refrigerators
- Induction cooking
- Motor control and drives
- Robotics
- Home and building automation
- Industrial heating and welding
- Power tools
- Power Supplies
- Uninterruptible power supply (UPS)
- Multicopters and drones

<1P>:IRS21864STRPBF <1T>:101K5IS.1 <Q>:2500



<P> Cust P/N: IRS21864STRPBF

L/C  
101K5IS.1

QC Accept



D/C QTY  
1812 2500

Infineon

<1P> Part No: IRS21864STRPBF

<1T> Lot No: 101K5IS.1

<V> Vendor: INFINEON

Pkg Name:  
SOIC 14N

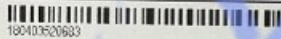


Pb free

<Q> Qty: 2500

<9D> LOT D/C: 1812

MSL RATING : 2

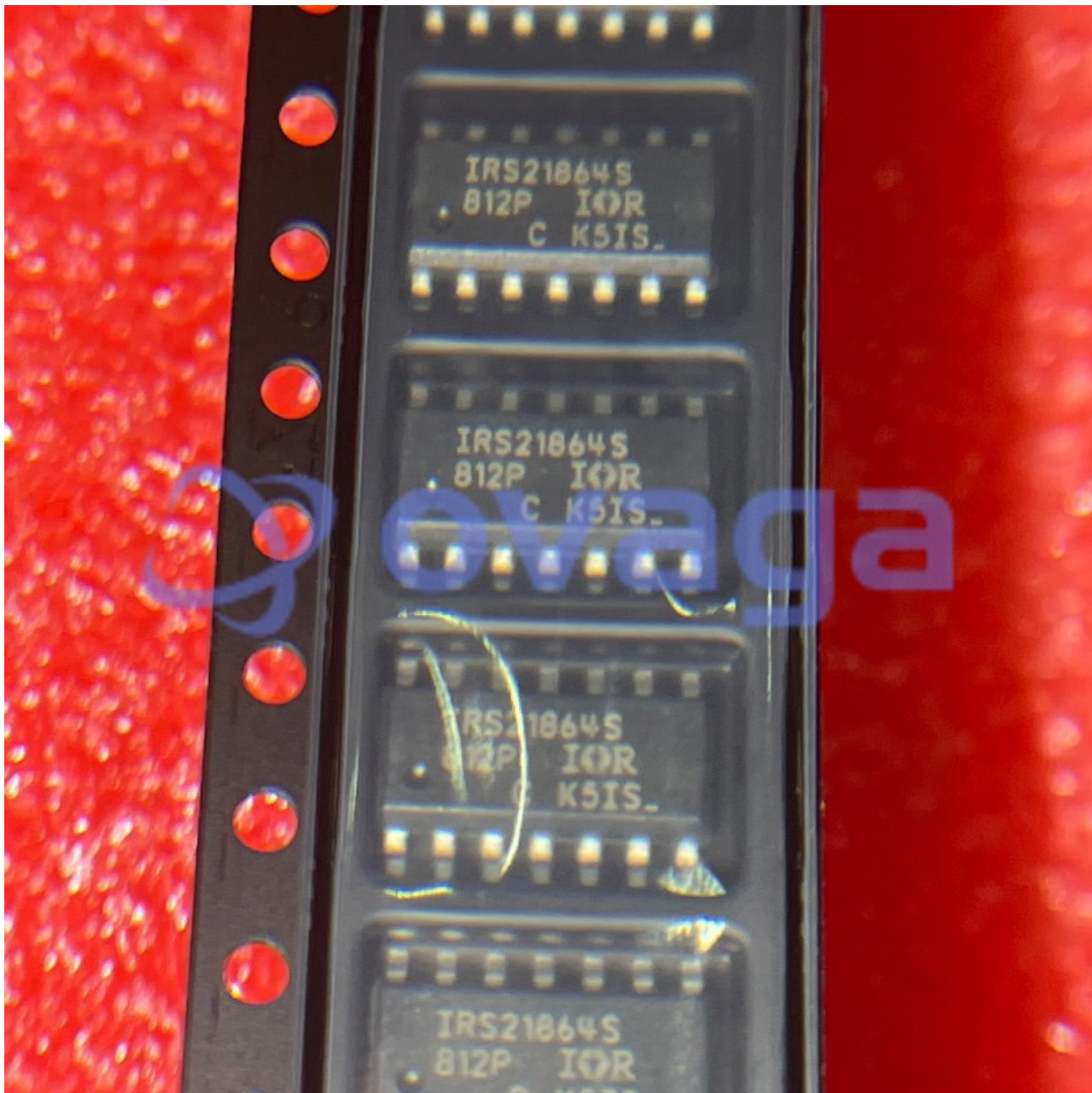


180403620683

ASSEMBLED IN CARSEM-II MALAYSIA  
TESTED IN CARSEM-S MALAYSIA  
FIG # : 180506111-101K5IS.1.T

For Mtg Use

CAUTION: STATIC SENSITIVE DEVICES

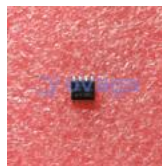


**Related Products**



[IRS2101SPBF](#)

Infineon Technologies Corporation  
SOIC-8



[IRS2003STRPBF](#)

Infineon Technologies Corporation  
SOIC-8



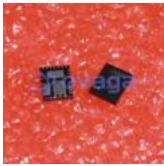
[IRS21864SPBF](#)

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SOIC-14



[IR3897MTRPBF](#)

Infineon Technologies Corporation  
PQFN 4 x 5



[IR3898MTRPBF](#)

Infineon Technologies Corporation  
PQFN 4 x 5



[IR21531SPBF](#)

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