

Driver 500V 1-OUT High Side/Low Side Non-Inv 16-Pin SOIC WTube

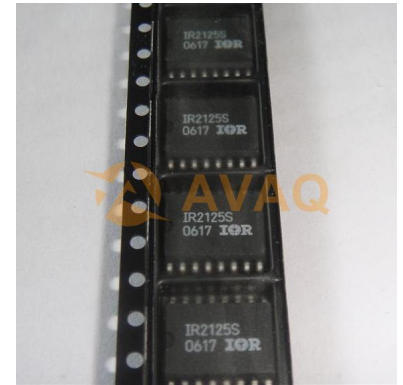
Manufacturer: [Infineon Technologies Corporation](#)

Package/Case: SOP16

Product Type: Drivers

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

EiceDRIVER 500 V high side gate driver IC with typical 1.6 A source and 3.3 A sink currents in 16 Lead SOICWB package for IGBTs and MOSFETs. Also available in 8 Lead PDIP.

Key Features

Floating channel designed for bootstrap operation

Fully operational to +500 V

Tolerant to negative transient voltage

dV/dt immune

Gate drive supply range from 12 to 18 V

Undervoltage lockout

Current detection and limiting loop to limit driven power transistor current

Error lead indicates fault conditions and programs shutdown time

Output in phase with input

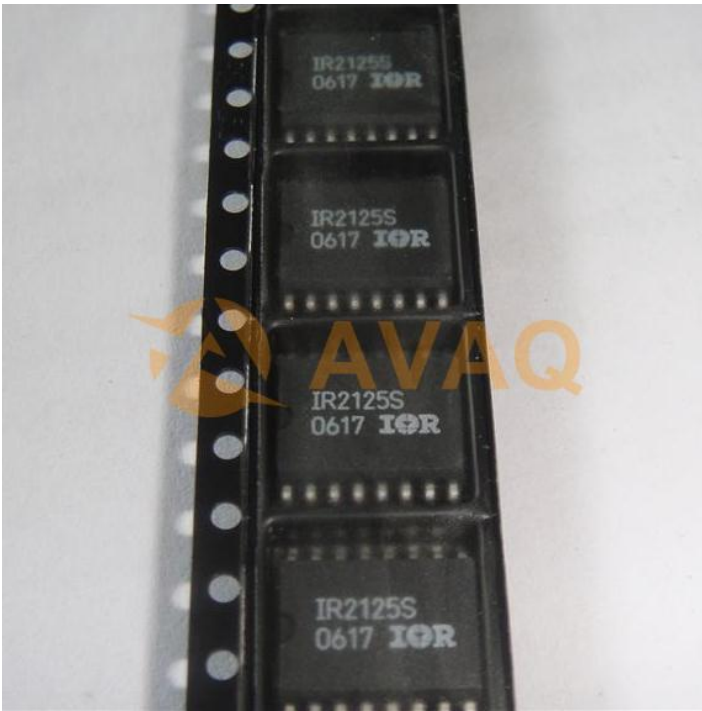
2.5 V, 5 V and 15 V input logic compatible

Application

Fast EV charging

Motor control and drives

Robotics



Recommended For You

IR2130SPBF

Infineon Technologies Corporation

1

IR2111PbF

Infineon Technologies Corporation

DIP8

IRAMI36-1061A

Infineon Technologies Corporation

SIP-21

IR2103STRPBF

Infineon Technologies Corporation

SOP-8

IRAMS06UP60A

Infineon Technologies Corporation

MODULE

IRAMX16UP60B

Infineon Technologies Corporation

MODULE

IRAMS10UP60A-2

Infineon Technologies Corporation

MODULE

IR2117SPBF

Infineon Technologies Corporation

SOP-8

IR2104PBF

Infineon Technologies Corporation

DIP

IR2101SPBF

Infineon Technologies Corporation

SOP-8

IR2113STRPBF

Infineon Technologies Corporation

SOP-16

IR2153PBF

Infineon Technologies Corporation

DIP-8

IR2118PBF

Infineon Technologies Corporation

DIP-8

IR2304SPBF

Infineon Technologies Corporation

SOP-8

IR2520DSTRPBF

Infineon Technologies Corporation

SOP-8