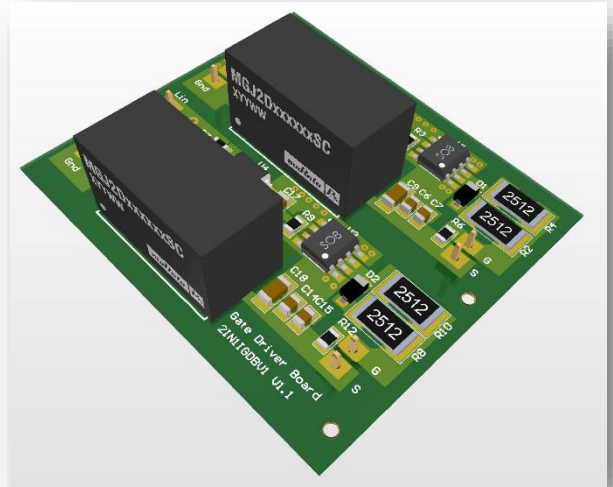


**2IN1IGDV1****Dual Channel 14 Amper Gate Driver Board****TECHNICAL SPECIFICATION**

- High Speed Opto Isolated and Gate Driver and High Current Non-Isolated Gate Driver
- On Board 2W Isolated DC/DC Converters
- Very Low Isolation Capacitance
- Fast Switching Frequency
- Easy Installation and usage
- +20/-5 Drive Voltage
- $\pm 14$  Amper Drive current
- $1\Omega$  1w Gate Resistance
- Sic Mosfet, Mosfet and IGBT Driver

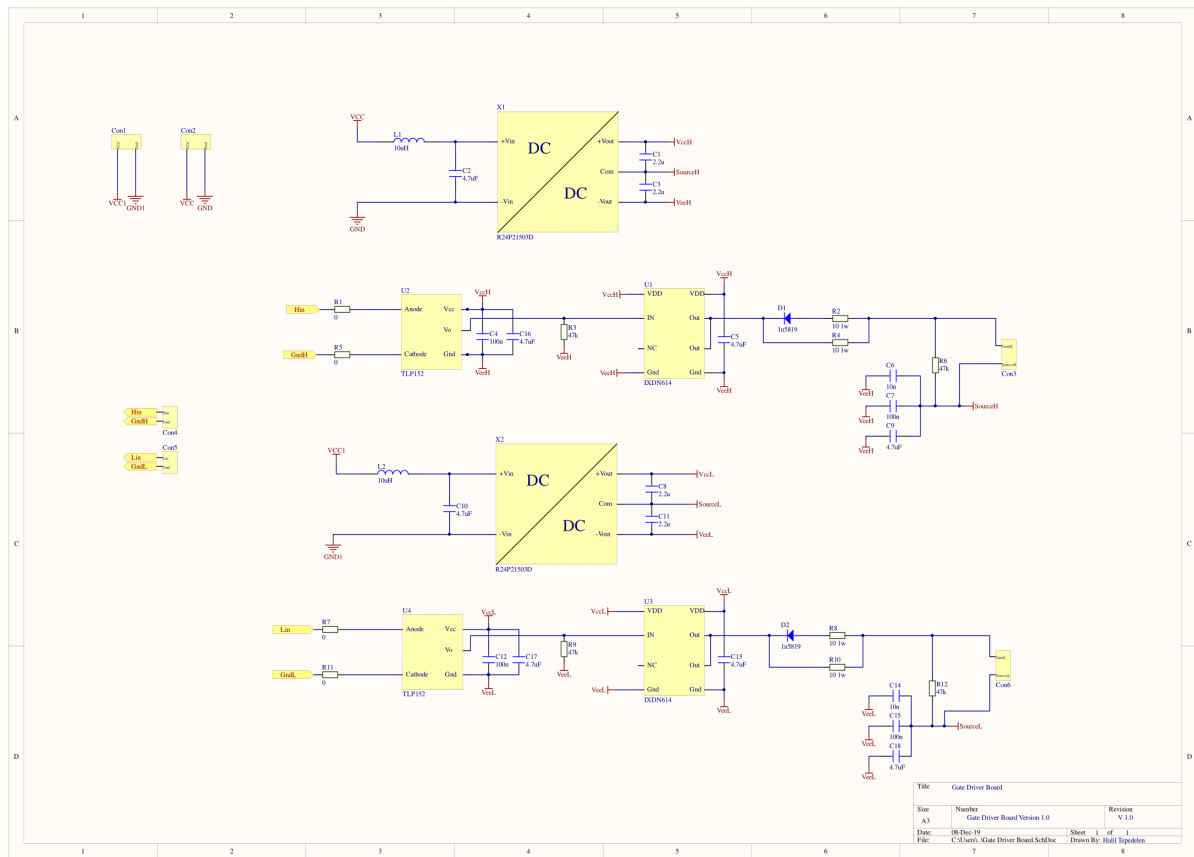
**Absolute Maximum Ratings**

Symbol	Parameter	Value	Unit
$V_{DC}$	Supply Voltage	0 to 13	V
$V_I$	Logic Level Input	0 to 5.5	V
$I_O$	Output Current	$\pm 14$	A
$f_{sw}$	Switching Frequency	50	kHz

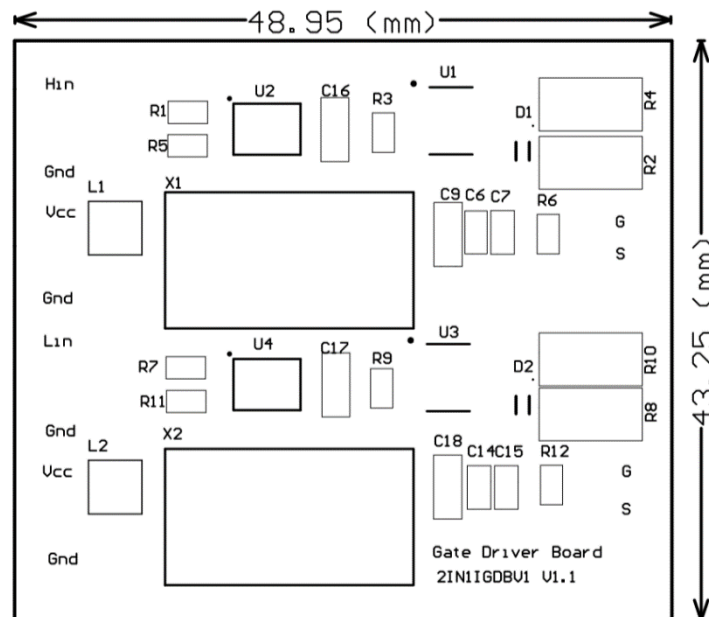
**Pin Mapping**

Pin Number	Pin Name	Description
1	Hin	High Side Drive Signal Input
2	Lin	Low Side Drive Signal Input
3	Gnd-Signal	Signal Ground Connection From Microcontroller
4	Gnd-Power	Power Ground Of DC/DC Converter
5	Vcc	DC/DC Converter Supply Input
6	G	High And Low Side Gate Signal Output
7	S	High And Low Side Signal Source

## Schematic Drawing



## Dimensions



**Footprint Symbol and Step Model**

<https://drive.google.com/file/d/1hMeTCIGhAGY91jzgGLEQU4V3wk7zA3JA/view?usp=sharing>