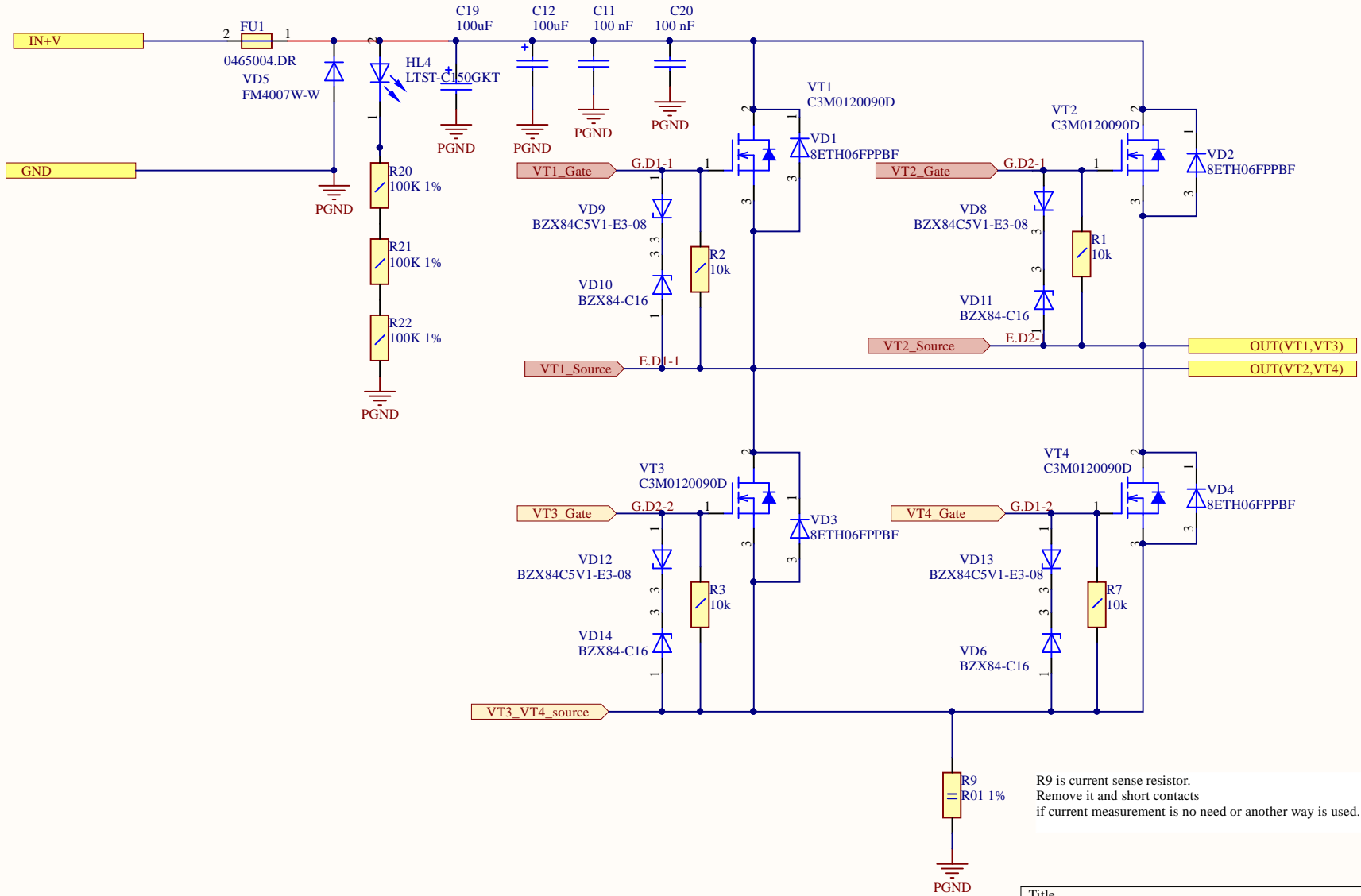


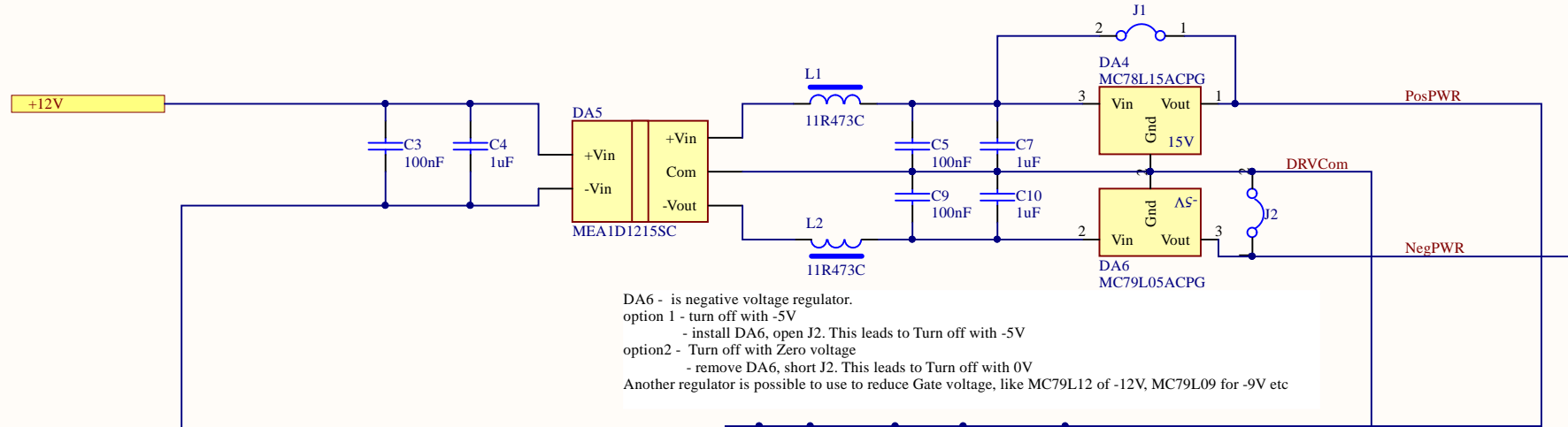
Title		
Size	Number	Revision
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Date:	09.06.2019	Sheet of
File:	C:\Users\...\BridgeV3_main.SchDoc	Drawn By:



R9 is current sense resistor.  
Remove it and short contacts  
if current measurement is no need or another way is used.

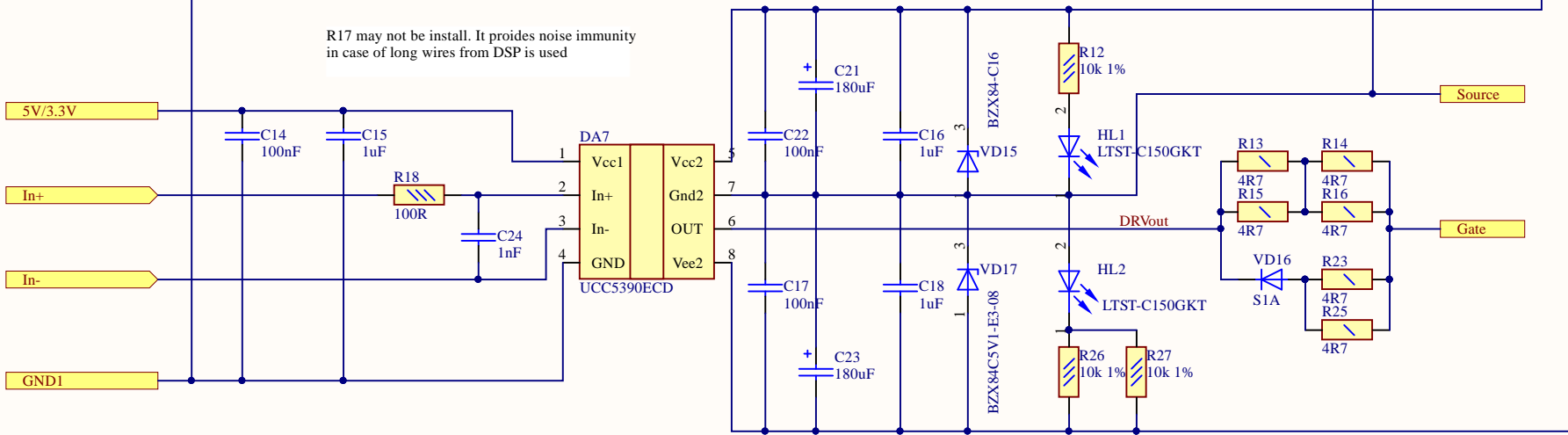
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Size	Number	Revision
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Date:	09.06.2019	Sheet of
File:	C:\Users\...\BridgeV3_power.SchDoc	Drawn By:

DA4 - is positive voltage regulator.  
 option 1 - without regulator:  
 - remove DA4, short J1  
 option 2 - with regulator  
 - install DA4, open J1  
 Another regulator is possible to use to reduce Gate voltage, like MC78L12 of 12V, MC78L09 for 9V



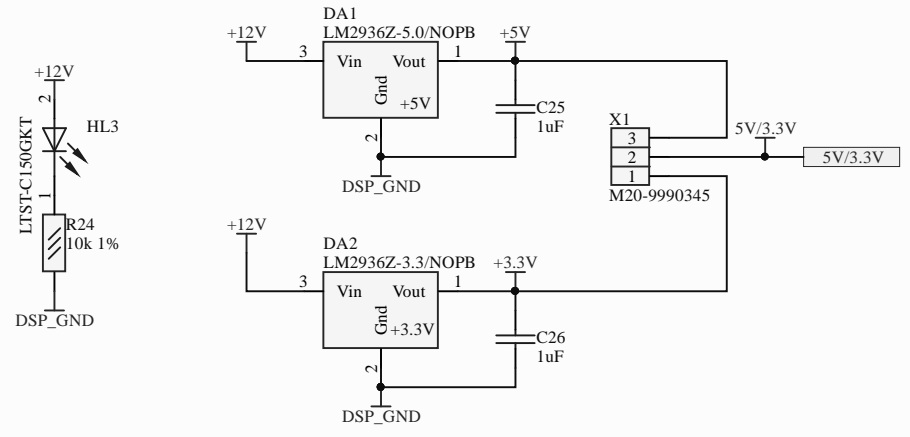
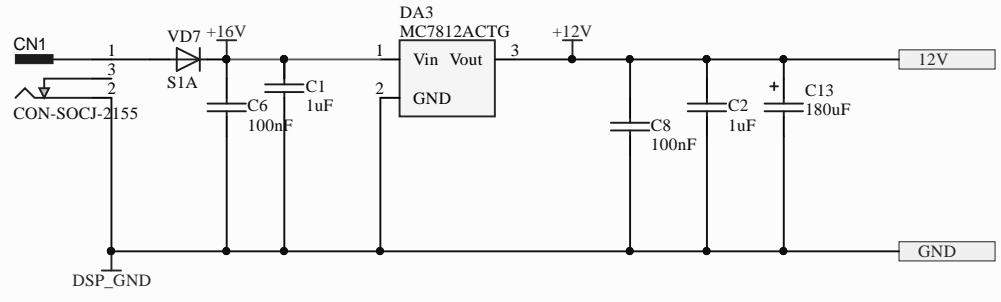
DA6 - is negative voltage regulator.  
 option 1 - turn off with -5V  
 - install DA6, open J2. This leads to Turn off with -5V  
 option2 - Turn off with Zero voltage  
 - remove DA6, short J2. This leads to Turn off with 0V  
 Another regulator is possible to use to reduce Gate voltage, like MC79L12 of -12V, MC79L09 for -9V etc

R17 may not be install. It provides noise immunity in case of long wires from DSP is used

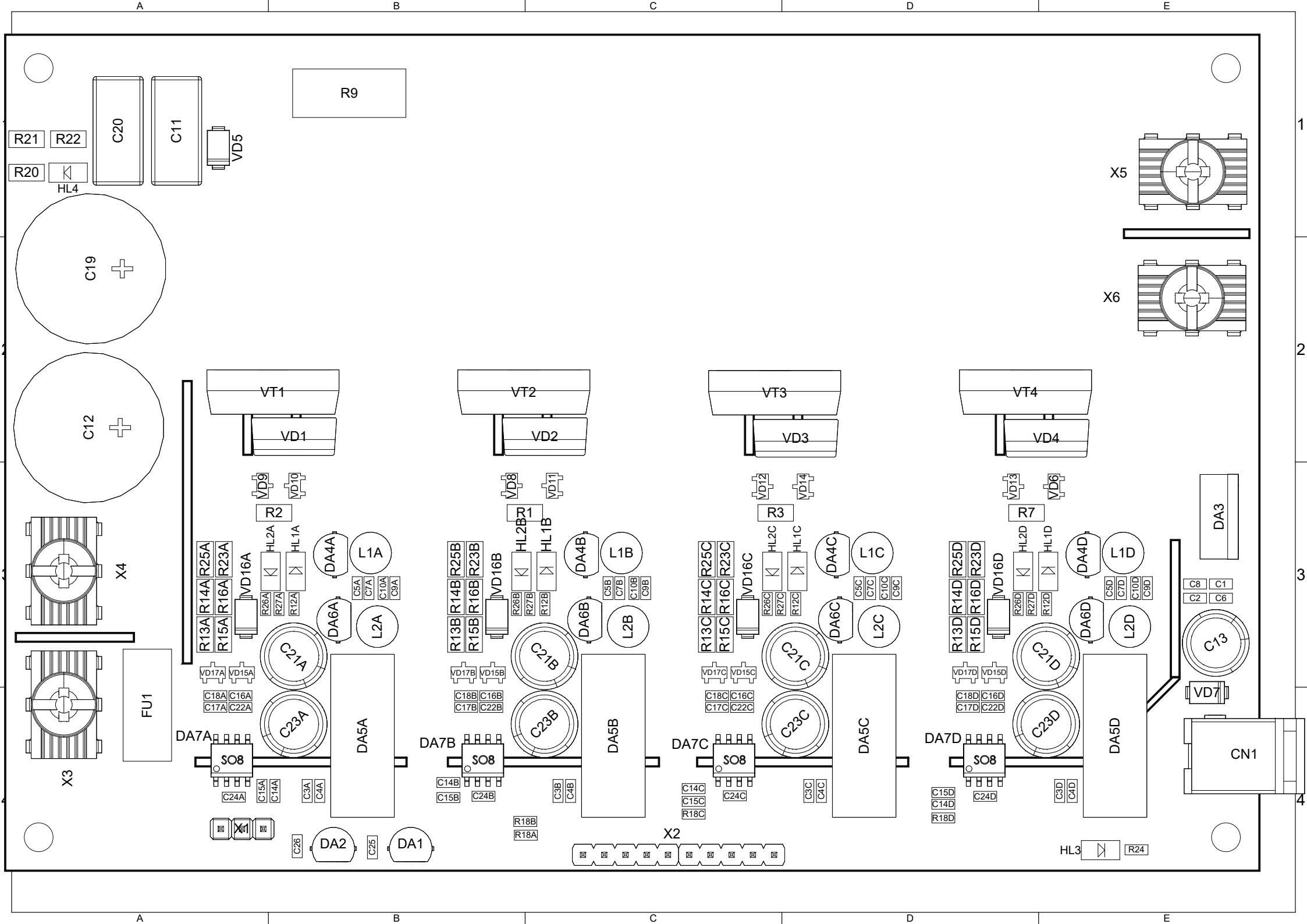


C21, C23 - Those cap provide high current for driver, so should be LOW ESR like 0.016 - 0.025 Ohm Capacitance, better to have above 150 uF.

Title		
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Title		
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Date: 09.06.2019	Sheet of	
File: C:\Users\...\Bridge_PS.SchDoc	Drawn By:	



# Bridge Test Board v4

## VT1

## VT2

## VT3

## VT4

Diagonal #1 - VT1, VT4  
Diagonal #2 - VT2, VT3

### OUT2

### OUT1

Keystone 7800

Keystone 7800

100uF 400V

100uF 400V

NI

Fuse

X3 FUI

High Voltage

X1

X5

X6

X4

X2

X1

