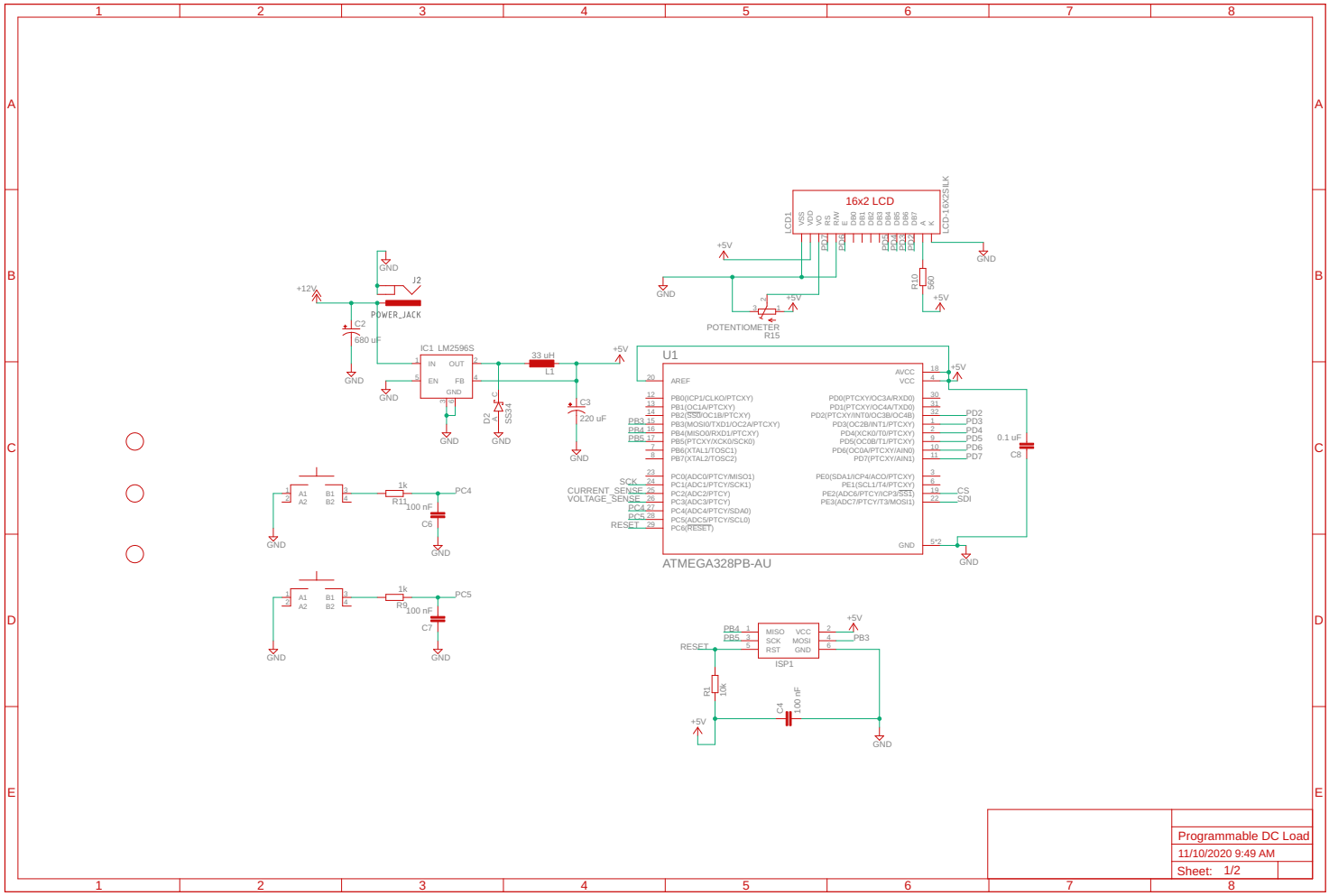

Programmable DC Load
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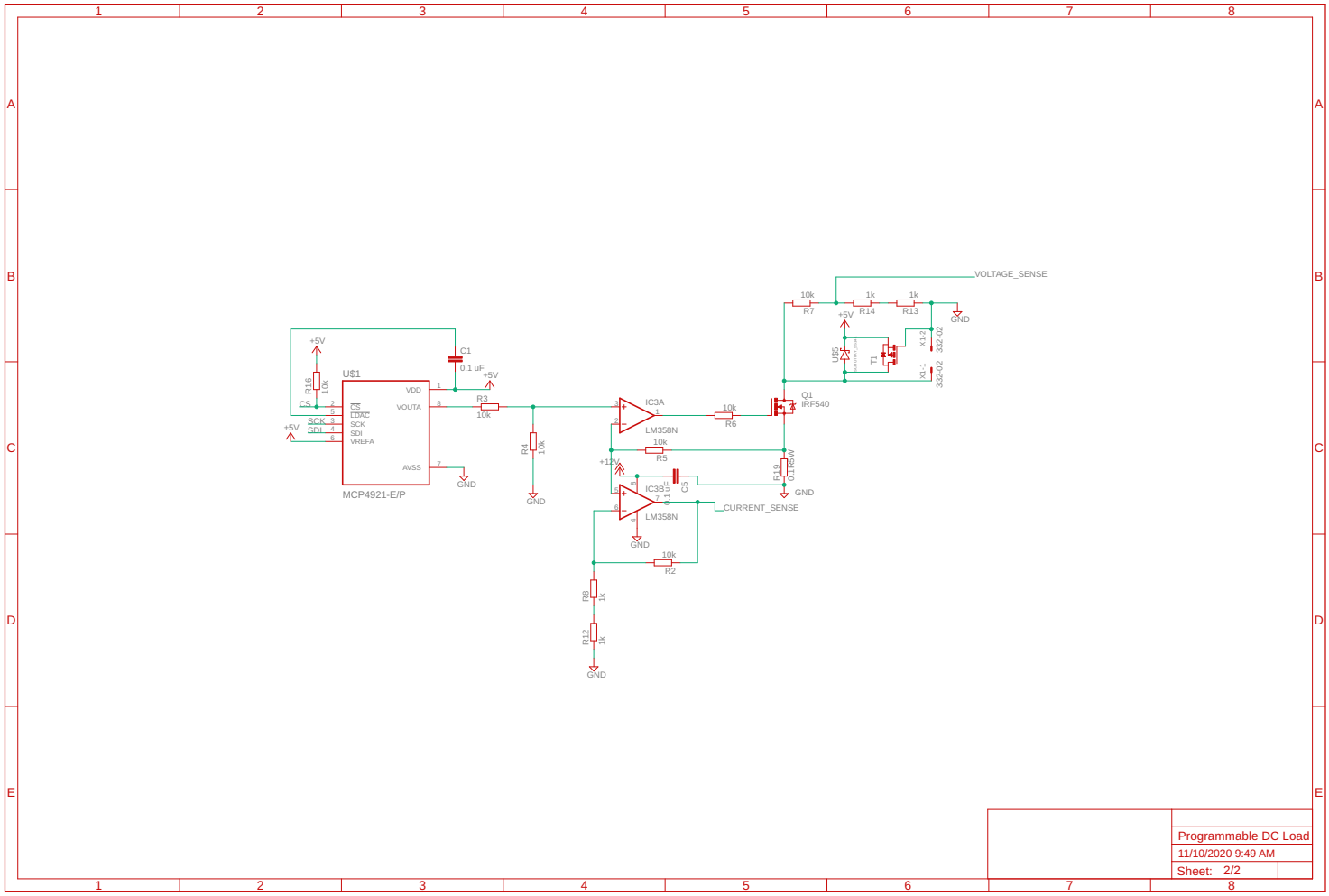
VOLTAGE_SENSE
10k
R7
1k
R14
1k
R13
GND
+5V
U$5
T1
X1-2
3.32-0.2
X1-1
3.32-0.2
+5V
R16
10k
U$1
C1
0.1 uF
+5V
CS
SCK
SDI
+5V
VDD
VOUTA
CS
LDAC
SCK
SDI
VREFA
AVSS
R3
10k
GND
MCP4921-E/P
R4
10k
GND
IC3A
LM358N
10k
R6
Q1
IRF540
10k
R5
+12V
IC3B
LM358N
C3
0.1 uF
R10
0.1R6W
GND
CURRENT_SENSE
GND
10k
R2
R8
1k
R12
1k
GND
Programmable DC Load
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