

Title		
Size	Number	Revision
A4		
Date:	07/12/2020	Sheet of
File:	ActiveShield.SchDoc	Drawn By:

1

2

3

4

A

A

B

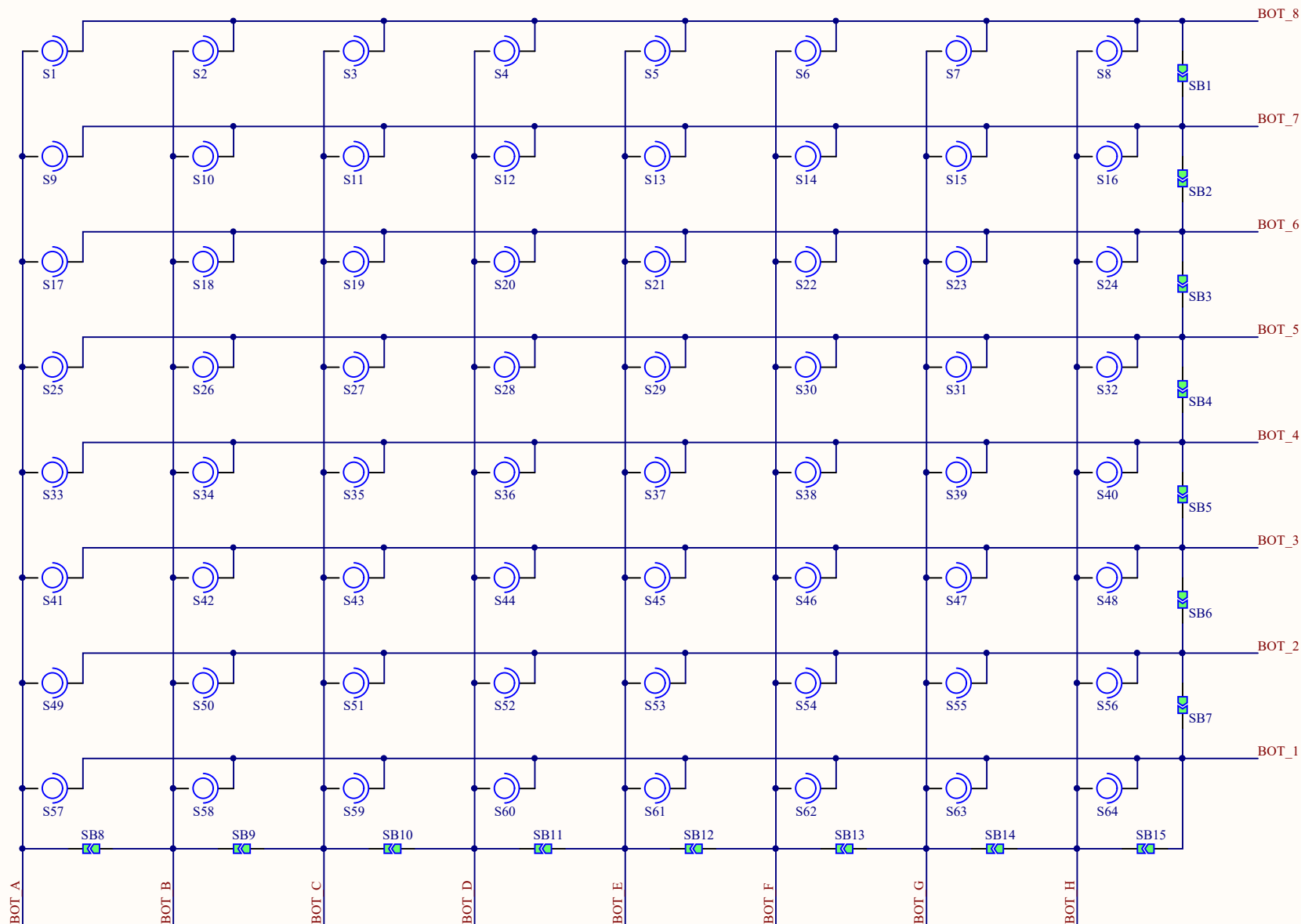
B

C

C

D

D



▲ Solder bridge need to be shorted if OPAMP have enable pin and are driven one by one.
Solder bridge need to be open if OPAP have no enable pin and are always active.

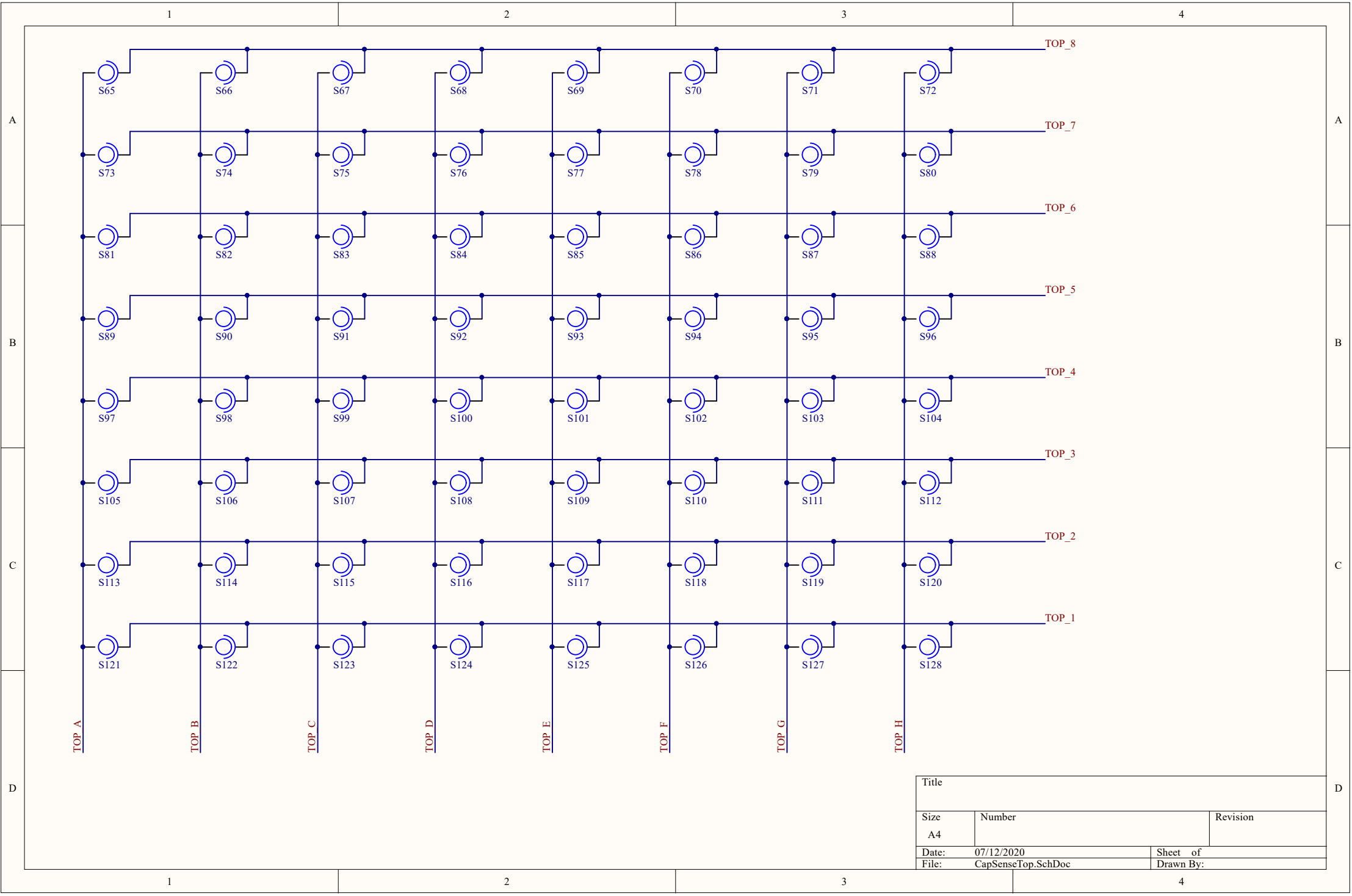
Title		
Size	Number	Revision
A4		
Date:	07/12/2020	Sheet of
File:	CapSenseBottom.SchDoc	Drawn By:

1

2

3

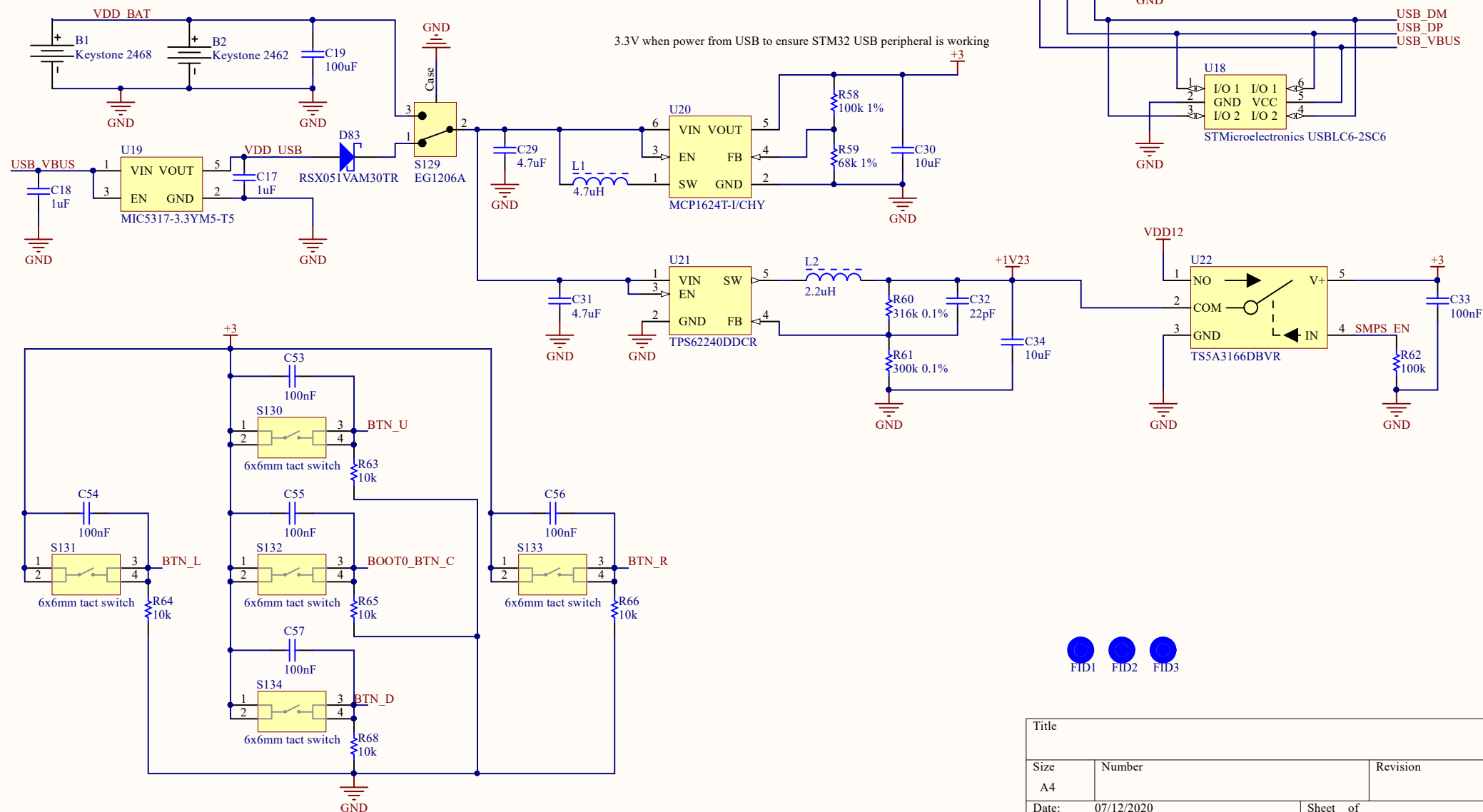
4



Title		
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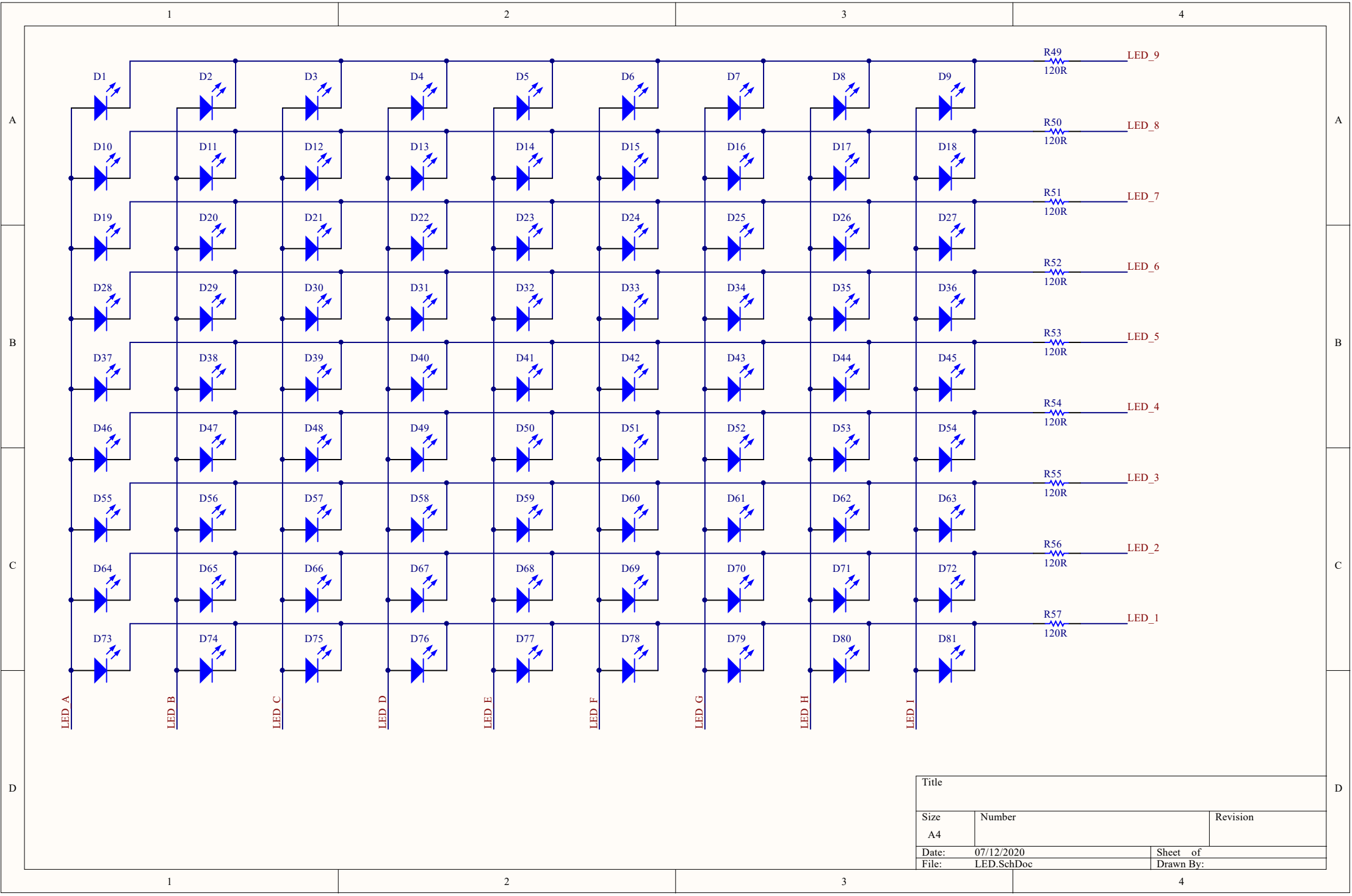
▲ The OPAMP SOT-23 footprint can get SOT23-5 and other OPAMP part numbers with or without enable pins.
 If enable is used then solder bridges grouping all active shields can be closed.
 One of the enable pull-up/down resistor may need to be soldered if OPAMP has no internal default state.
 The OPAMP output solder bridge can be closed, but if there are stability issues, it can be replaced by resistors.

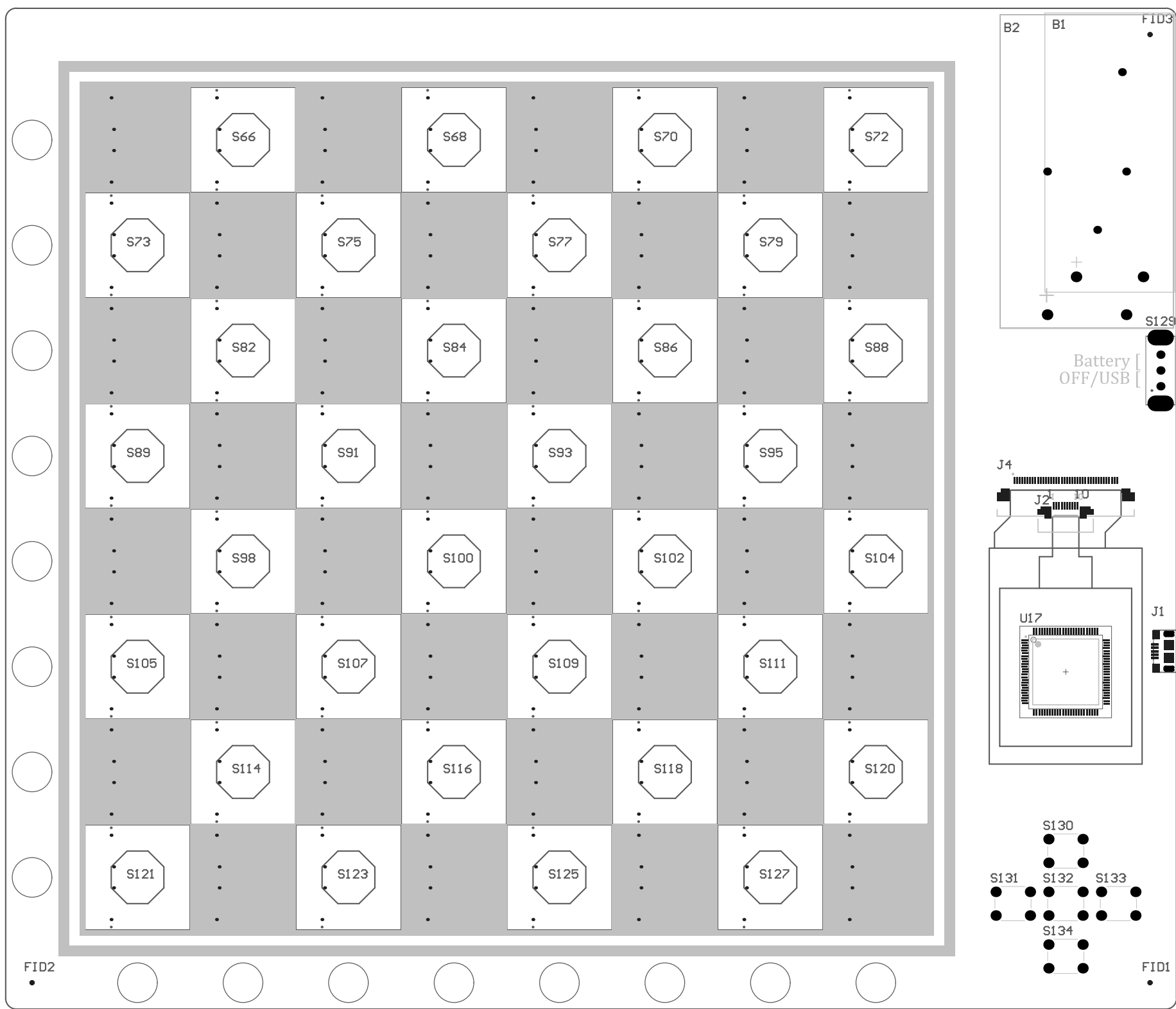
Only mount B1 or B2 battery holder



FID1 FID2 FID3

Title		
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Date:	07/12/2020	Sheet of
File:	HMI.SchDoc	Drawn By:





Chessboard V0
06/12/2020

