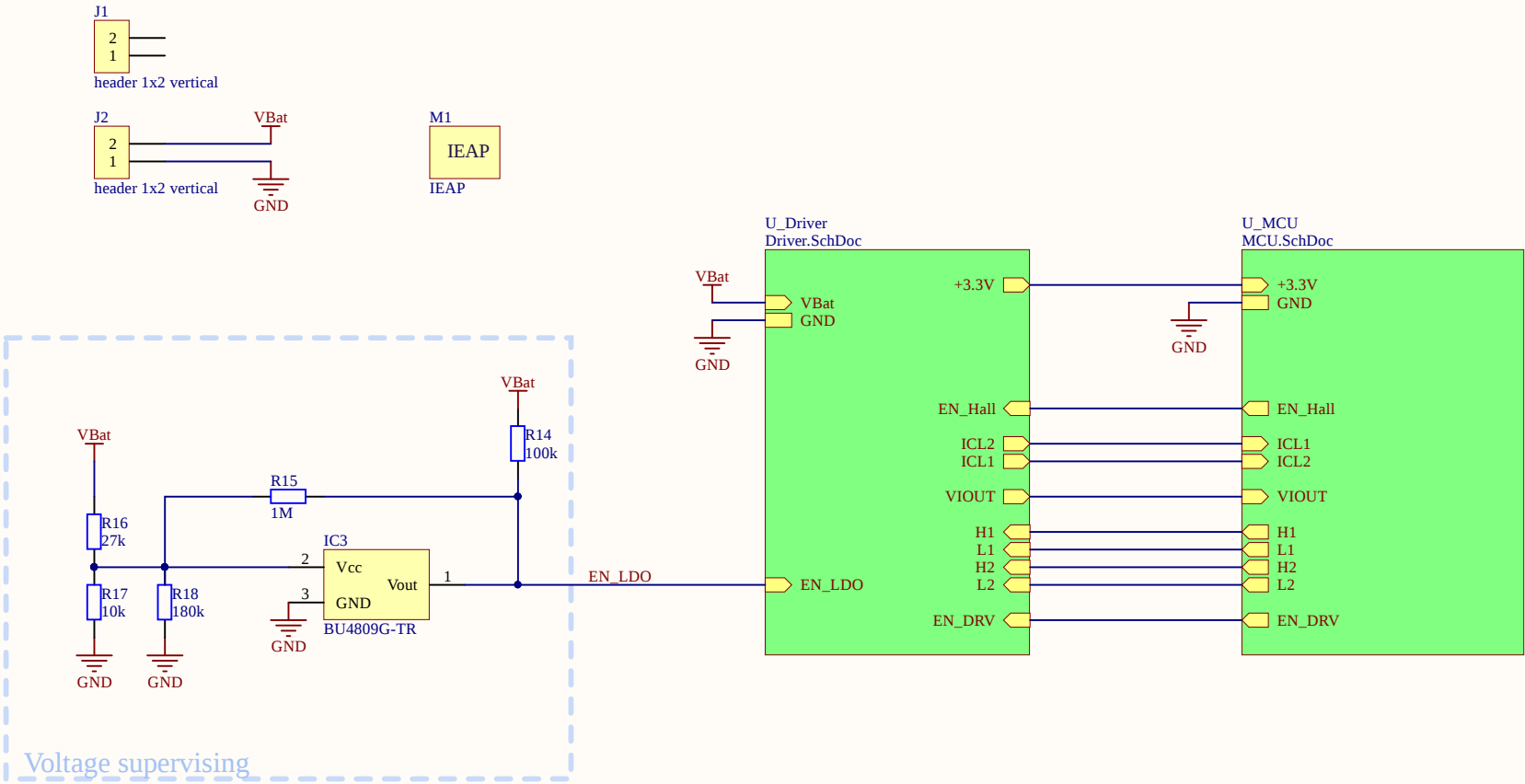
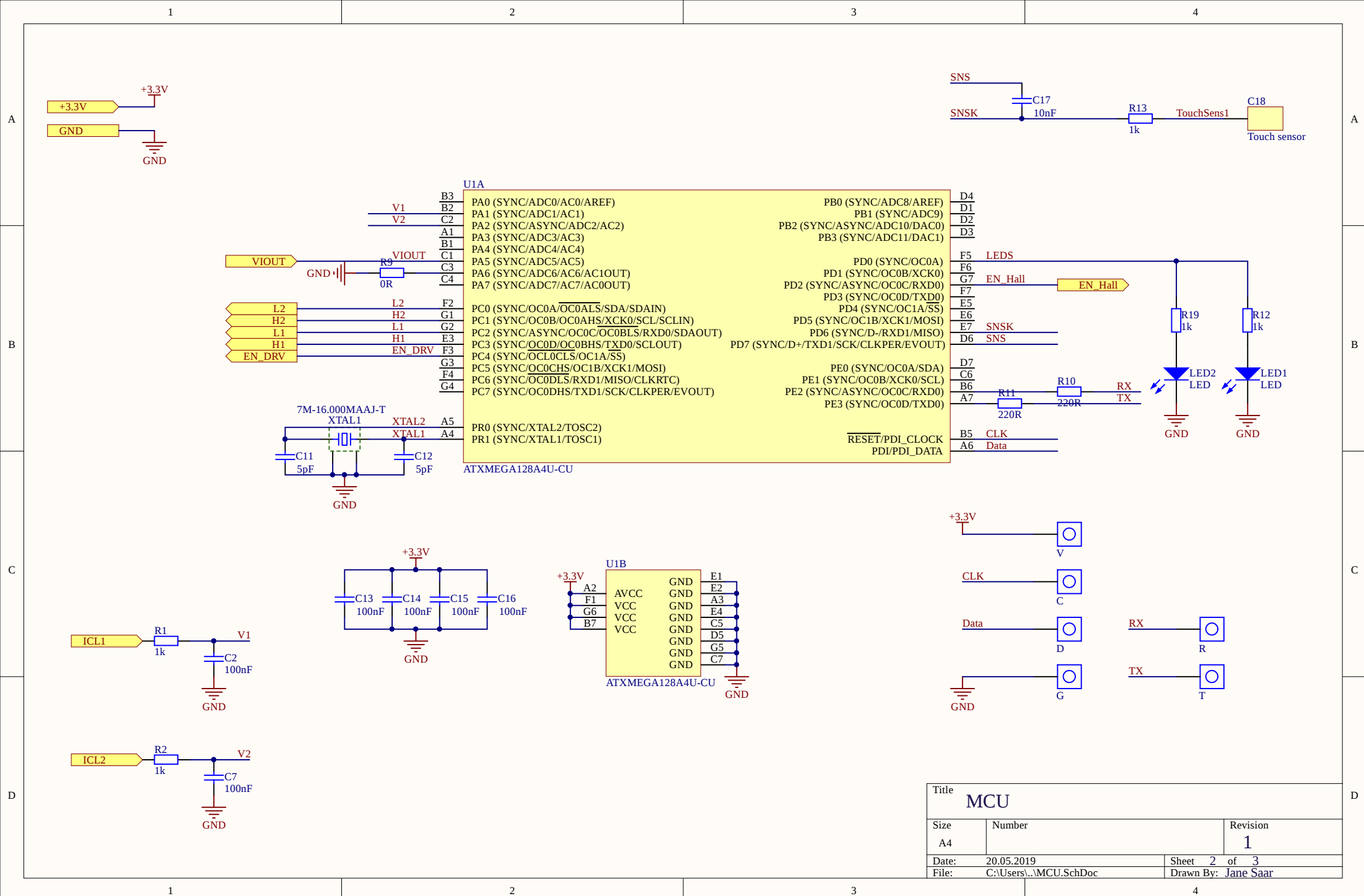


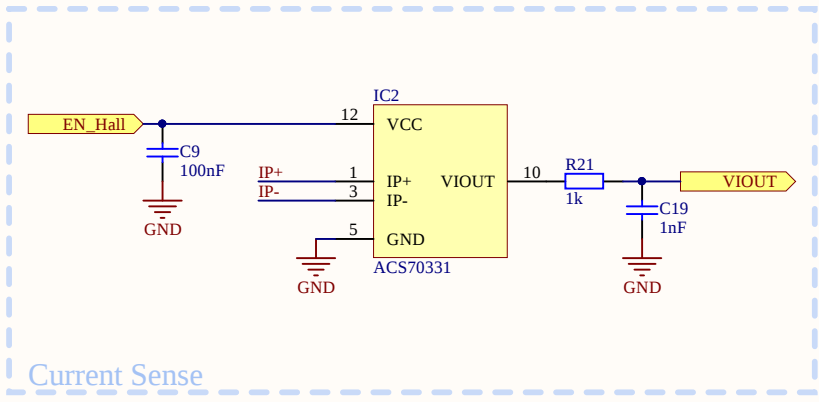
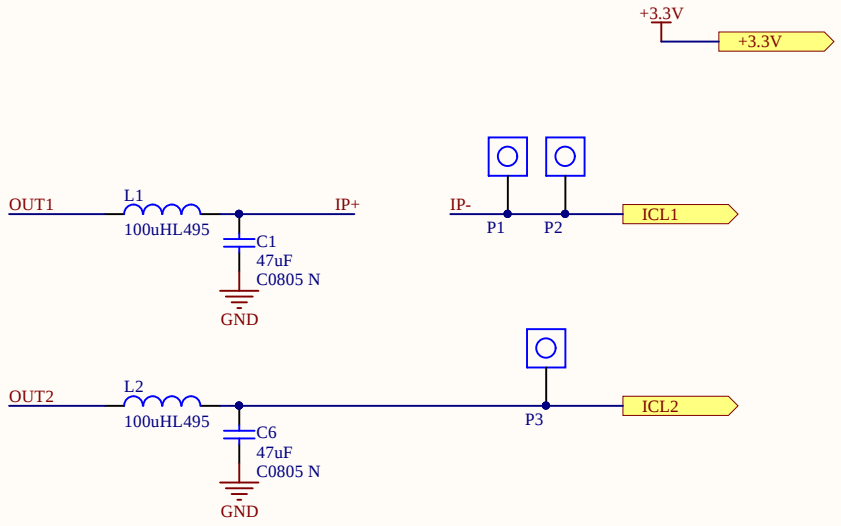
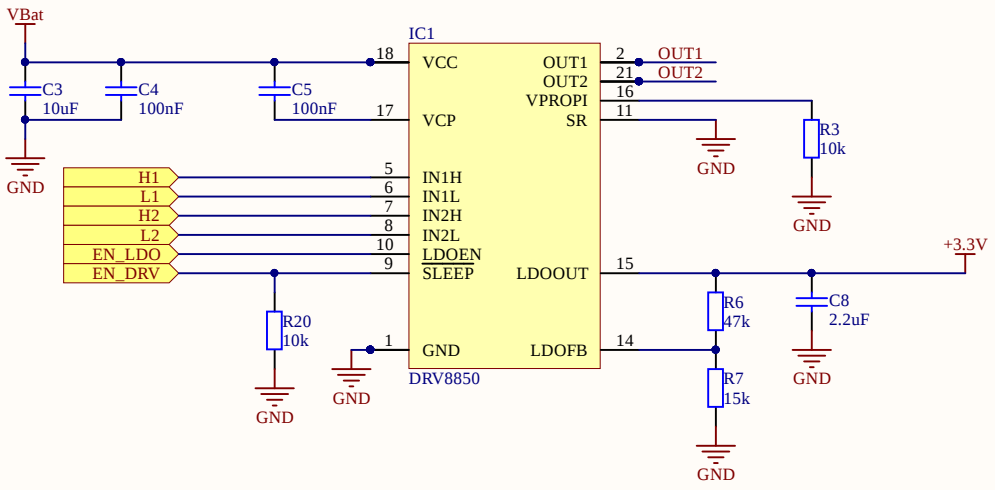
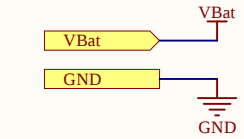
Note1: Voltage supervisor hysteresis is set to 280mV from 3.42V to 3.7V.



Title		
Main Sheet		
Size	Number	Revision
A4		1
Date:	20.05.2019	Sheet 1 of 3
File:	C:\Users\...\MainSheet.SchDoc	Drawn By: Jane Saar



Note1: Max load current is set to 640mA when VBat=4.2V by the 10k resistor connected to VPROPRI, where $I_{out} = 2000 \cdot (V_{cc}-1)/R$
Note2: Max load current is set to 520mA when the battery voltage is 3.6V (min voltage)
Note3: VPROPI is nonfunctional when implemented as a low-side driver
Note4: If the SR pin is grounded then the slew rate is 100 ns, changing the resistor value monotonically increases the slew rate from approximately 100ns to 100us
Note5: Each input pin has a weak pulldown resistor connected to ground
Note6: LDO output voltage is set to 3.3V with a FB pin voltage 0.8V



Current Sense

Title Driver			
Size A4	Number		Revision 1
Date:	20.05.2019	Sheet 3 of 3	
File:	C:\Users\...\Driver.SchDoc	Drawn By: Jane Saar	

A

B

C

D

E

1

1

2

2

3

3

4

4

A

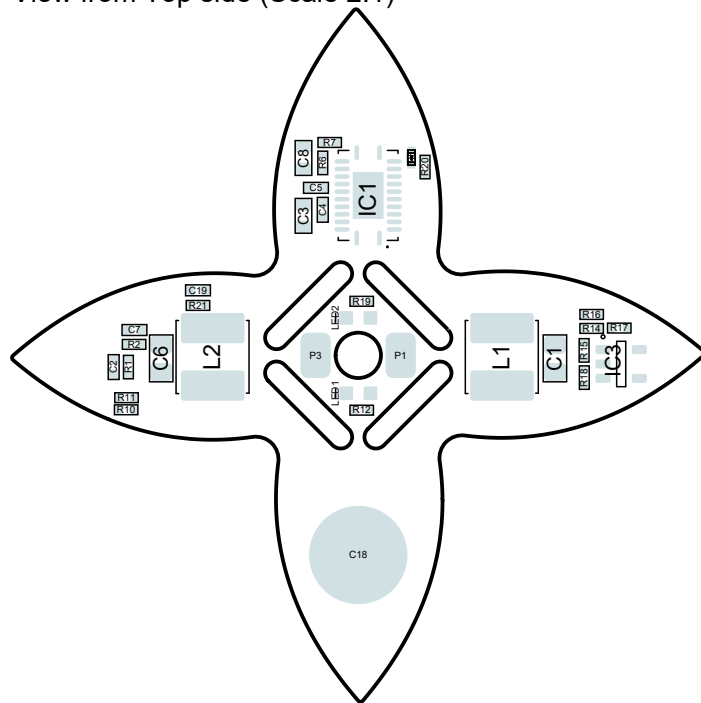
B

C

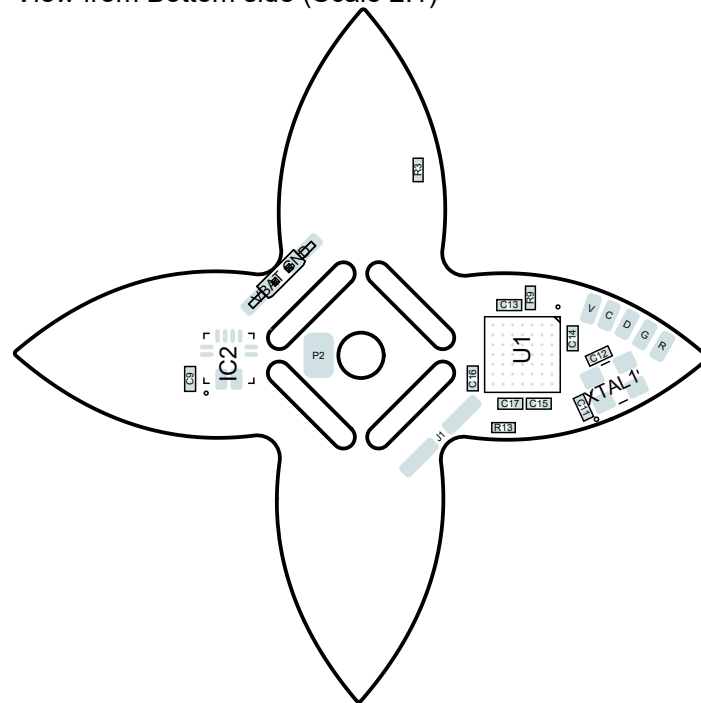
D

E

View from Top side (Scale 2:1)



View from Bottom side (Scale 2:1)



A

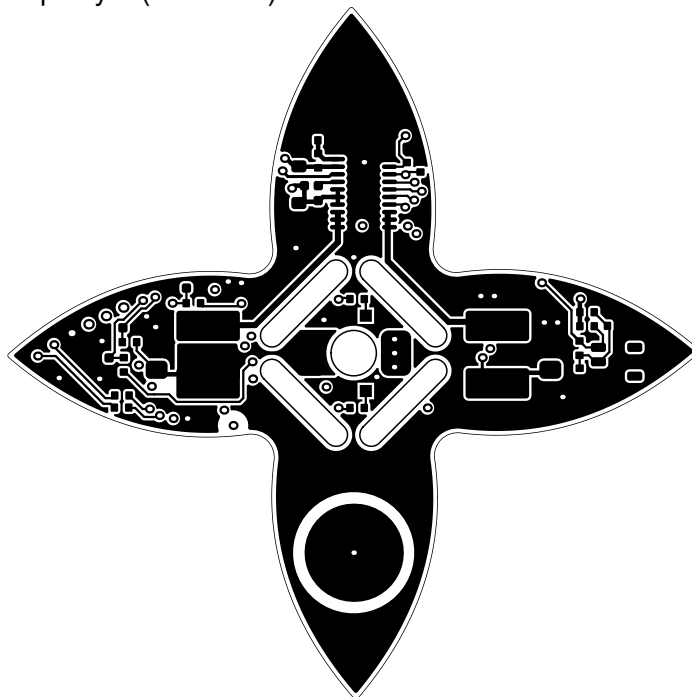
B

C

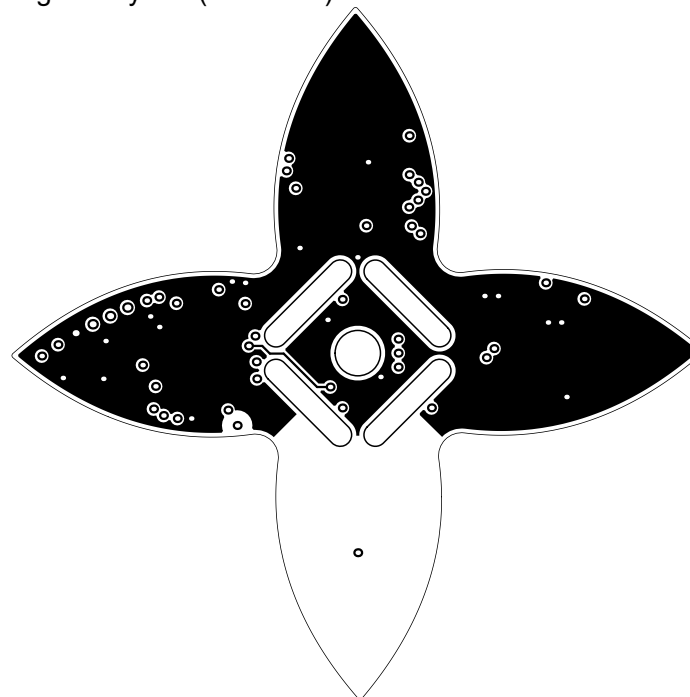
D

E

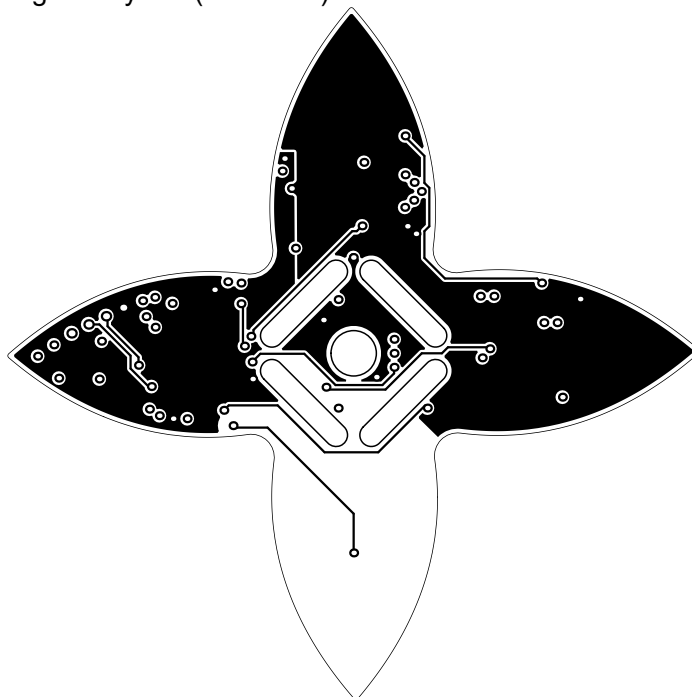
Top Layer (Scale 2:1)



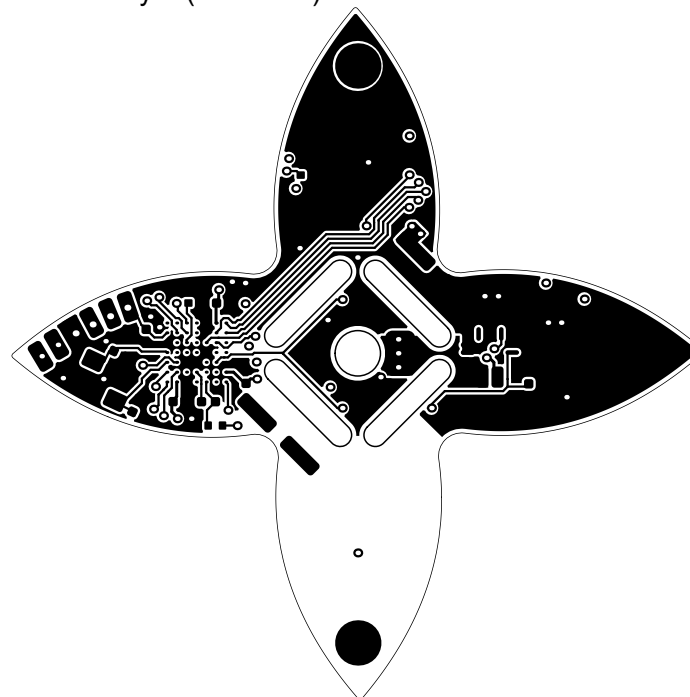
Signal Layer 1 (Scale 2:1)



Signal Layer 2 (Scale 2:1)



Bottom Layer (Scale 2:1)



A

B

C

D

E