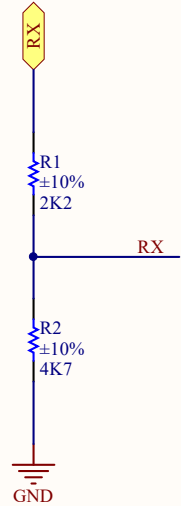
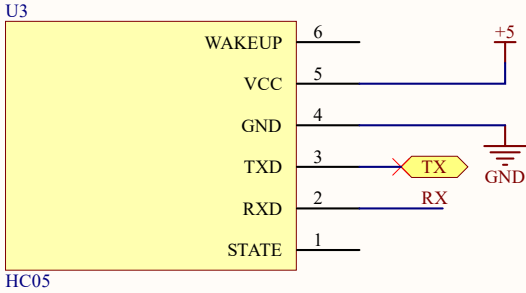
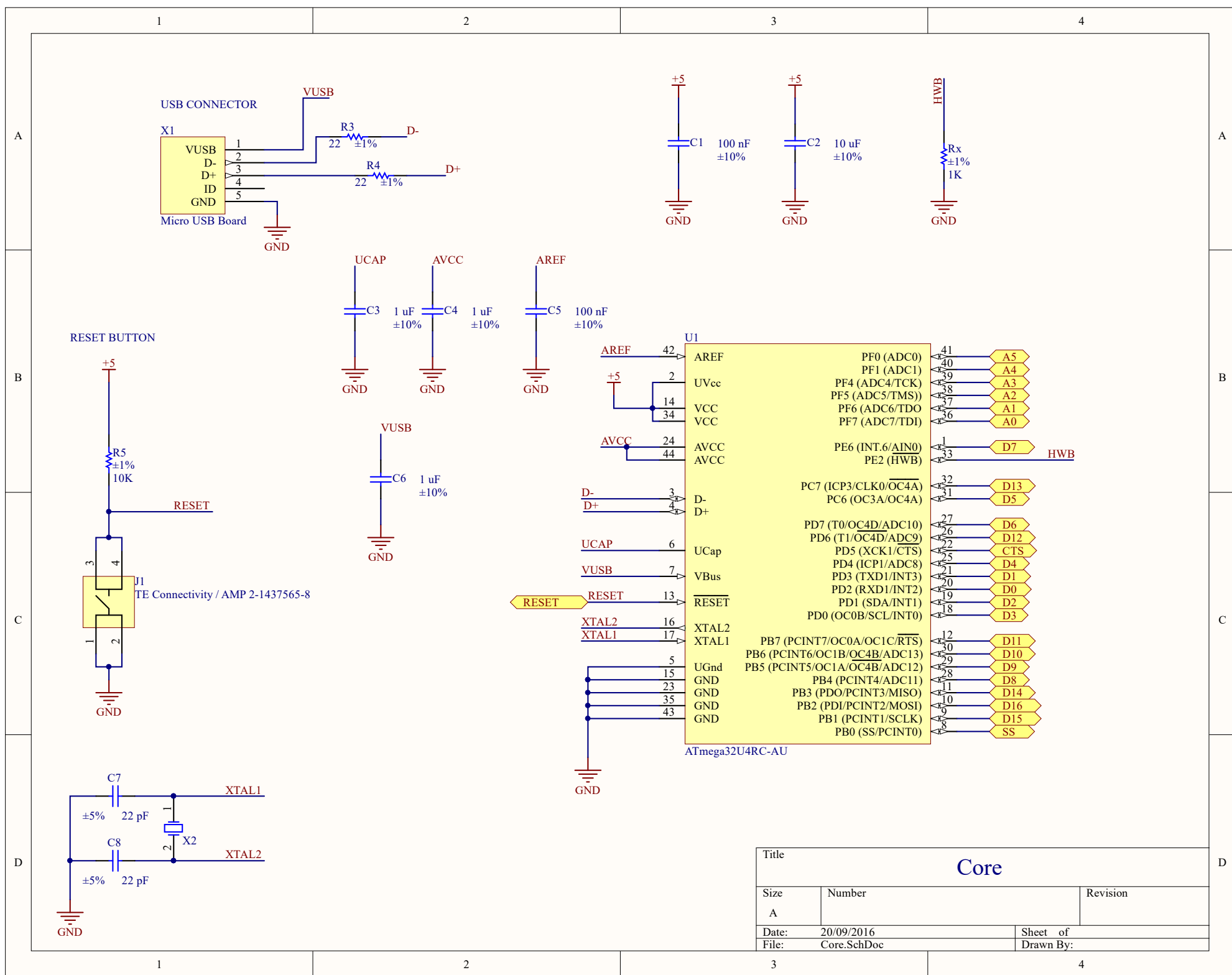
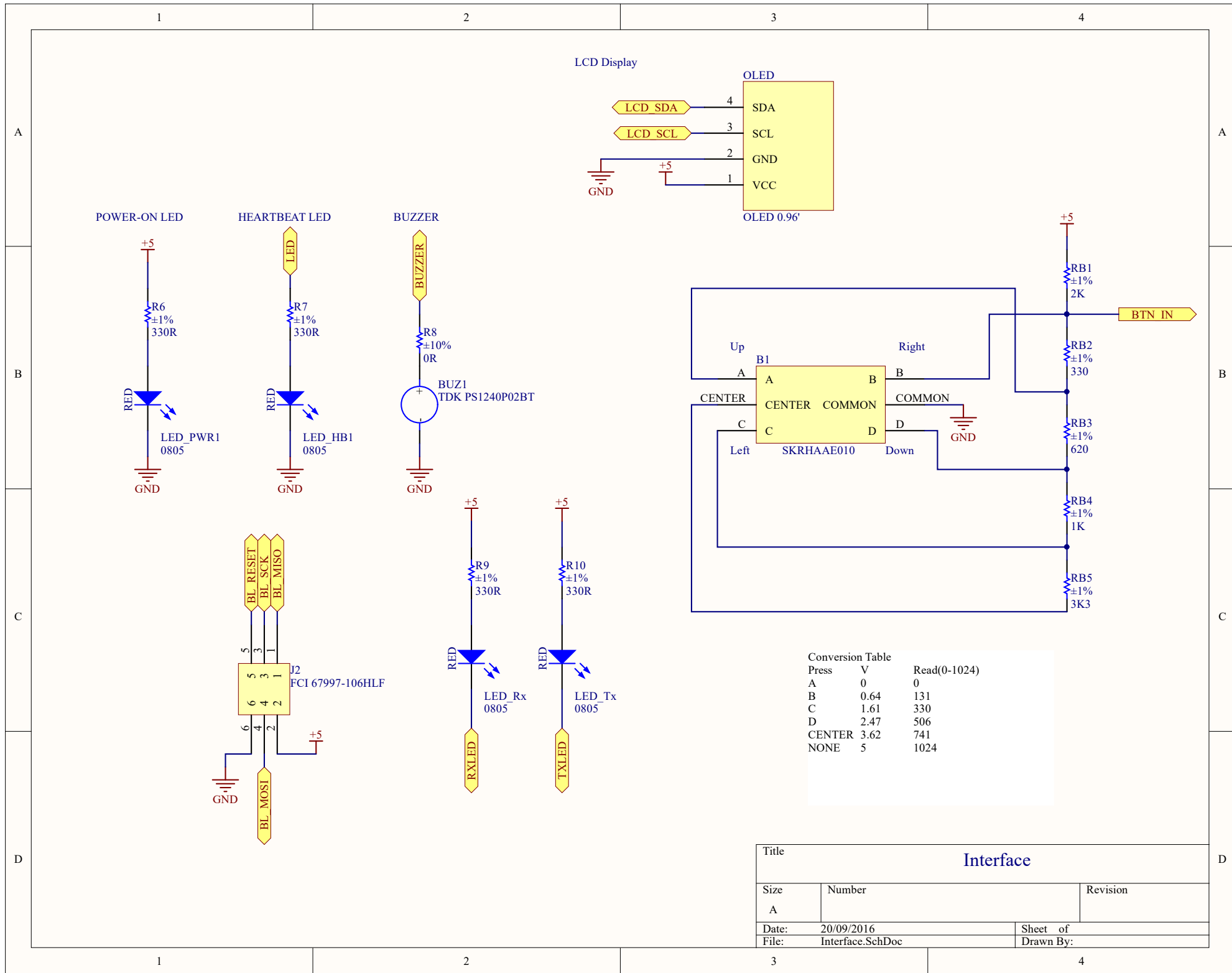


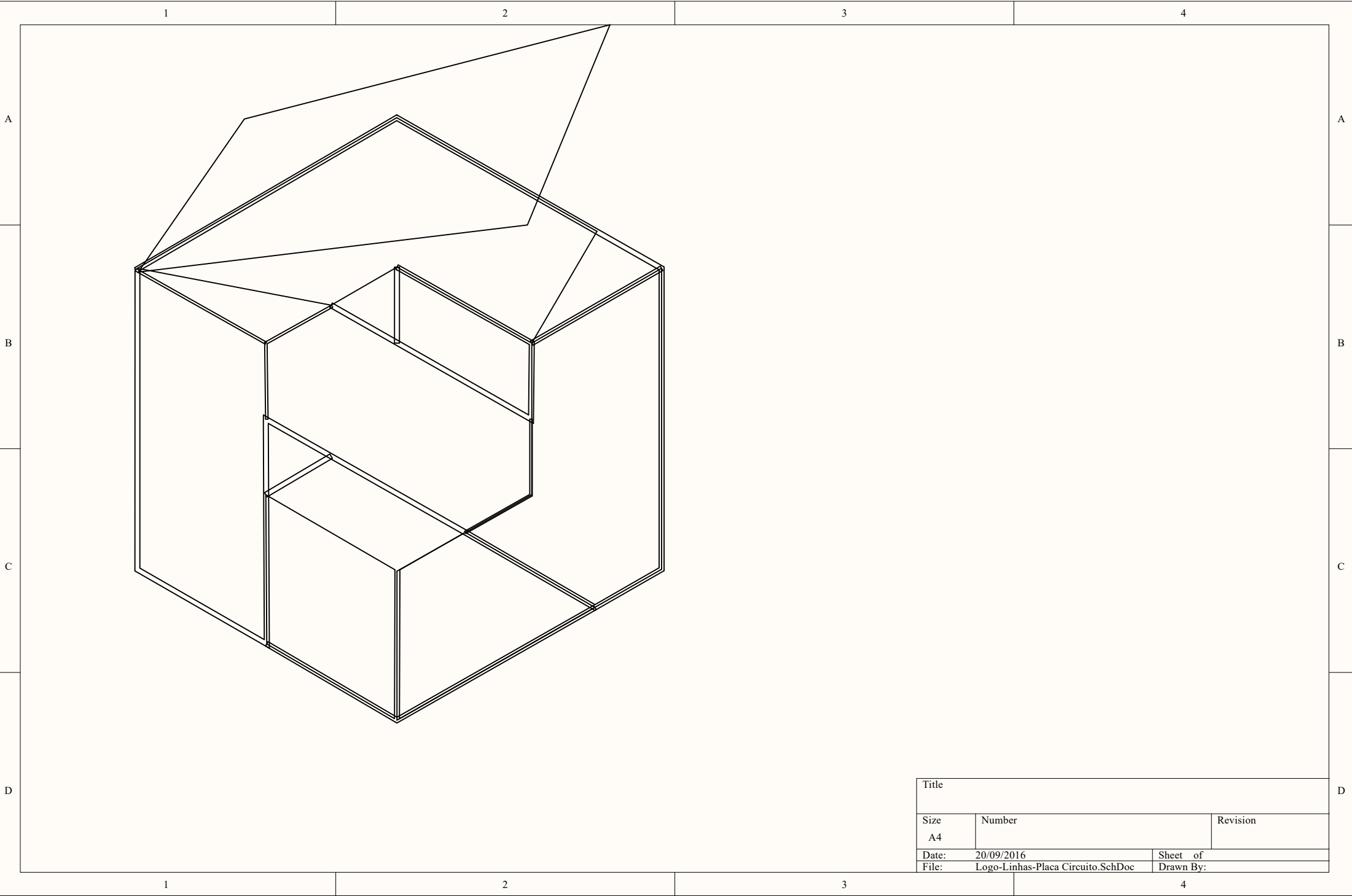
Bluetooth
HC05 BLUETOOTH MODULE



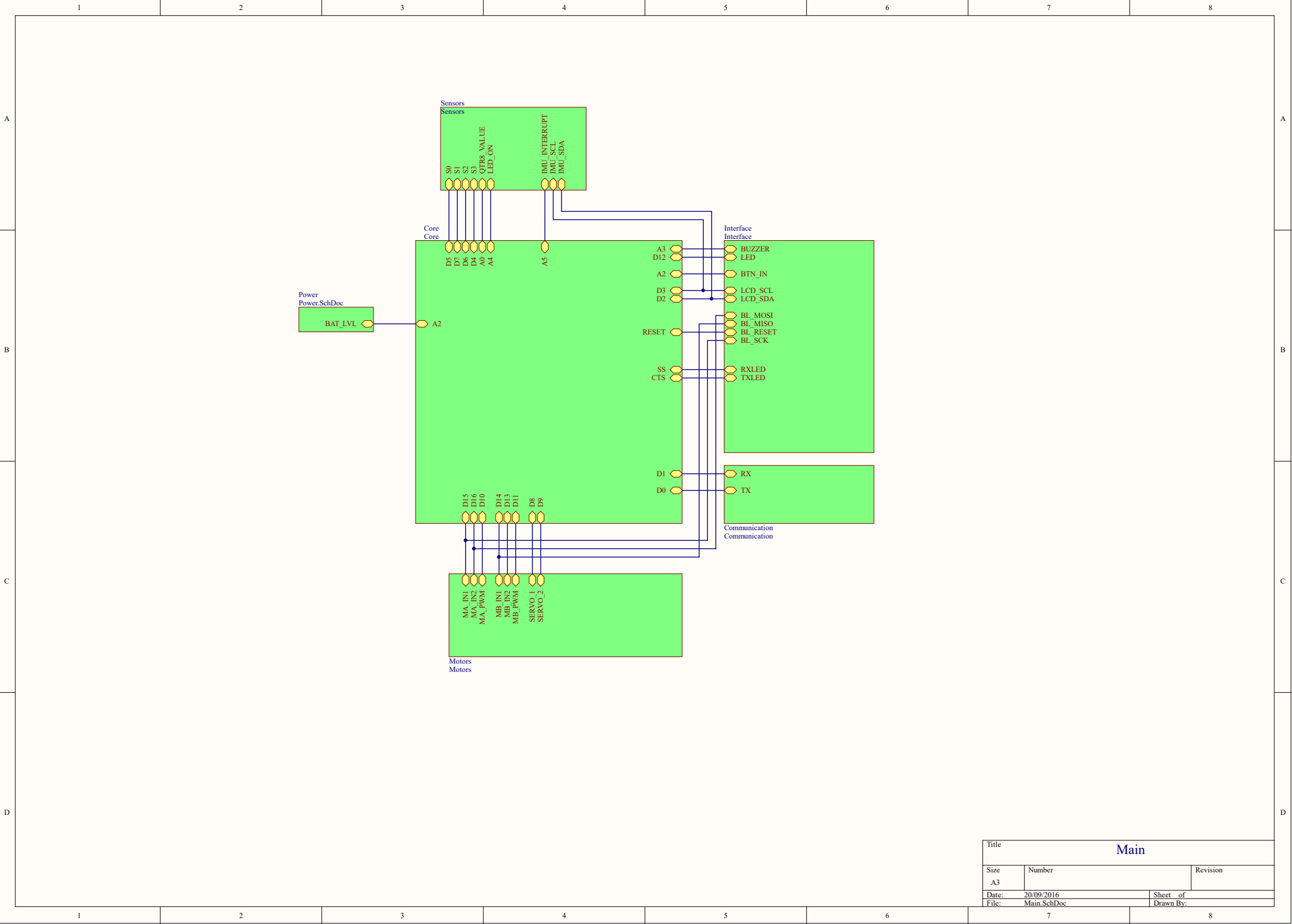
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Size	Number		Revision	
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Date:	20/09/2016		Sheet of	
File:	Communication.SchDoc		Drawn By:	



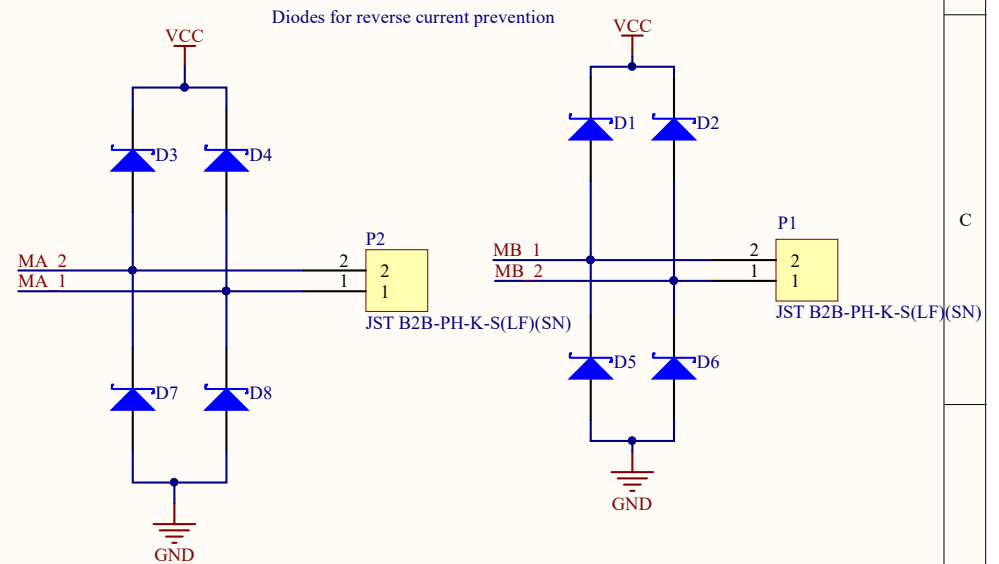
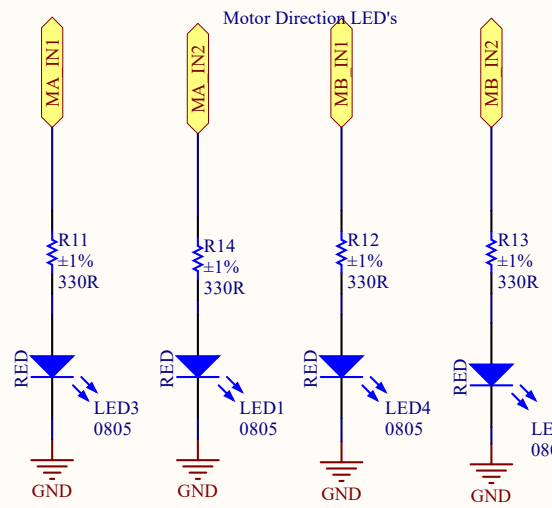
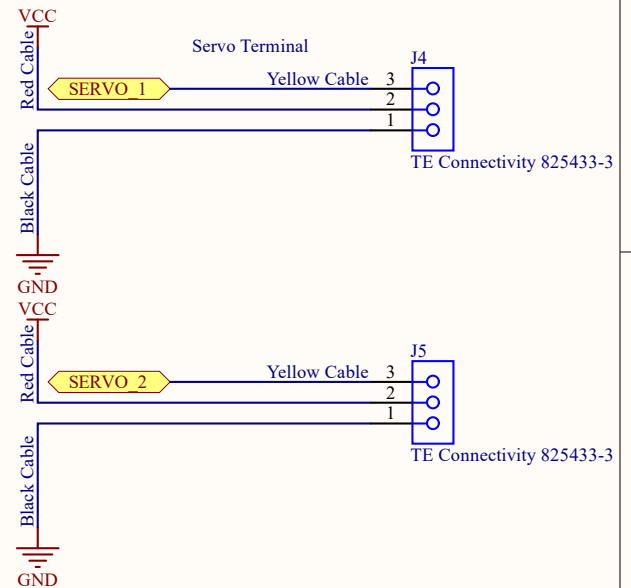
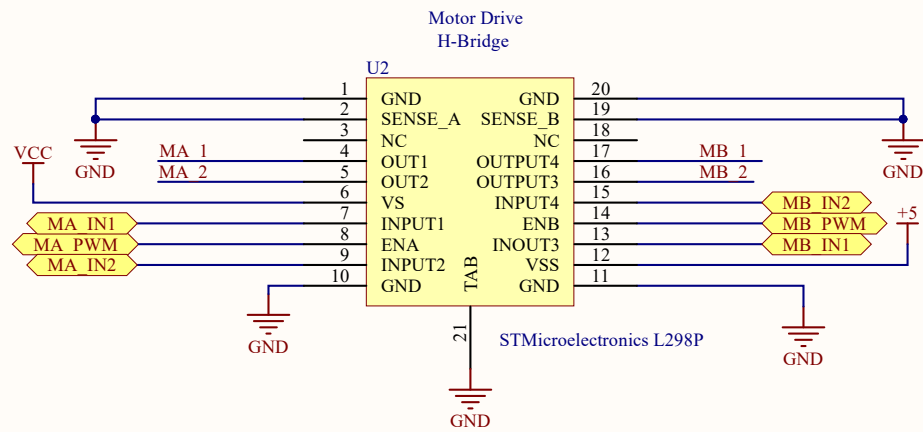




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Size	Number	Revision
A4		
Date:	20/09/2016	Sheet of
File:	Logo-Linhas-Placa Circuito.SchDoc	Drawn By:



Title				Main			
Size		Number			Revision		
A3							
Date:		20/09/2016			Sheet of		
File:		Main.SchDoc			Drawn By:		



Title		
Motors		
Size	Number	Revision
A		
Date:	20/09/2016	Sheet of
File:	Motors.SchDoc	Drawn By:

A

B

C

D

A

B

C

D

BATTERY IN (7.4V)

S1

NC
COM
NO

Custom Switch

P3

1
2

JST B2B-PH-K-S(LF)(SN)

VCC

GND

VCC

+5

LM1

IN OUT
TAB

GND

LM1117IMP-5.0

GND

+C9 10 μ F
 \pm 20%

+C10 10 μ F
 \pm 10%

C13
470 μ F
Nichicon UWT1C471MNL1GS

VCC

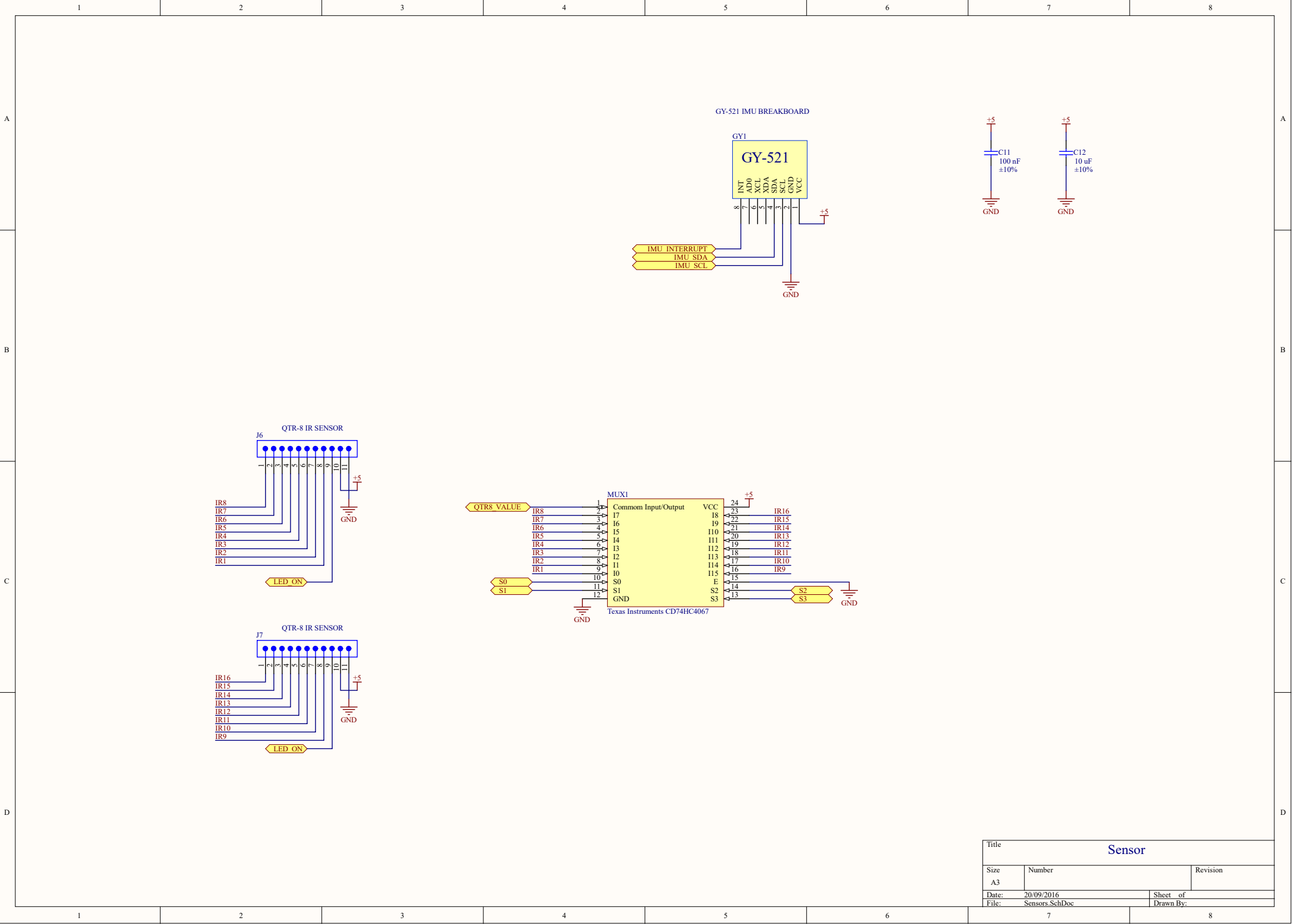
R15
 \pm 1%
3.7K

BAT LVL

R16
 \pm 1%
2.2K

GND

Title			Power	
Size	Number		Revision	
A				
Date:	20/09/2016		Sheet of	
File:	Power.SchDoc		Drawn By:	



Title			Sensor	
Size	Number		Revision	
A3				
Date:	20/09/2016		Sheet of	
File:	Sensors.SchDoc		Drawn By:	

