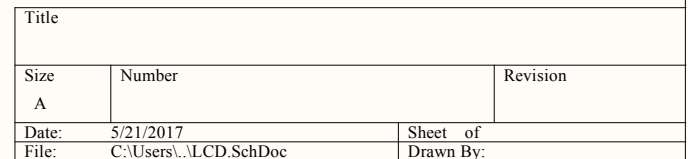


Title		
Size	Number	Revision
A		
Date:	5/21/2017	Sheet of
File:	C:\Users\...\ElectroPlantoE.SchDoc	Drawn By:

- Standby current = 1.5mA



LED RGB

- Protocol: Parallele

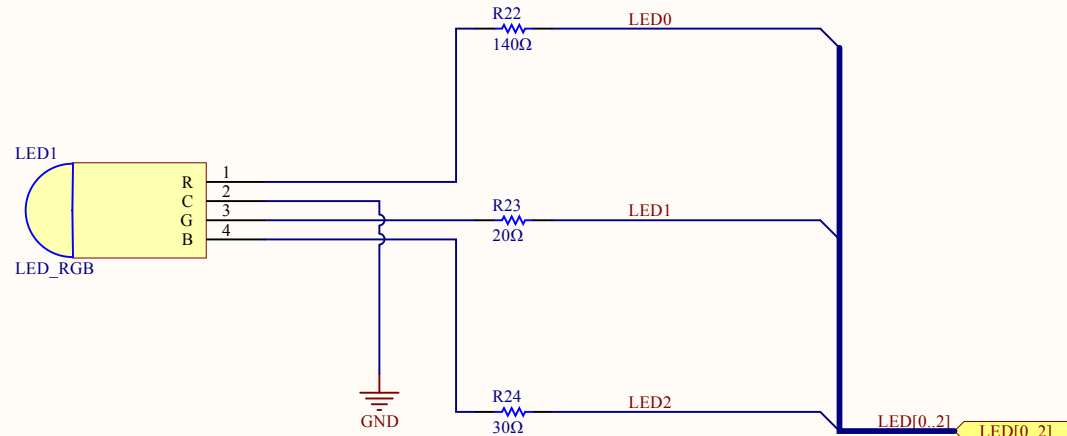
- Supply current

RED = 10mA

GREEN = 10mA

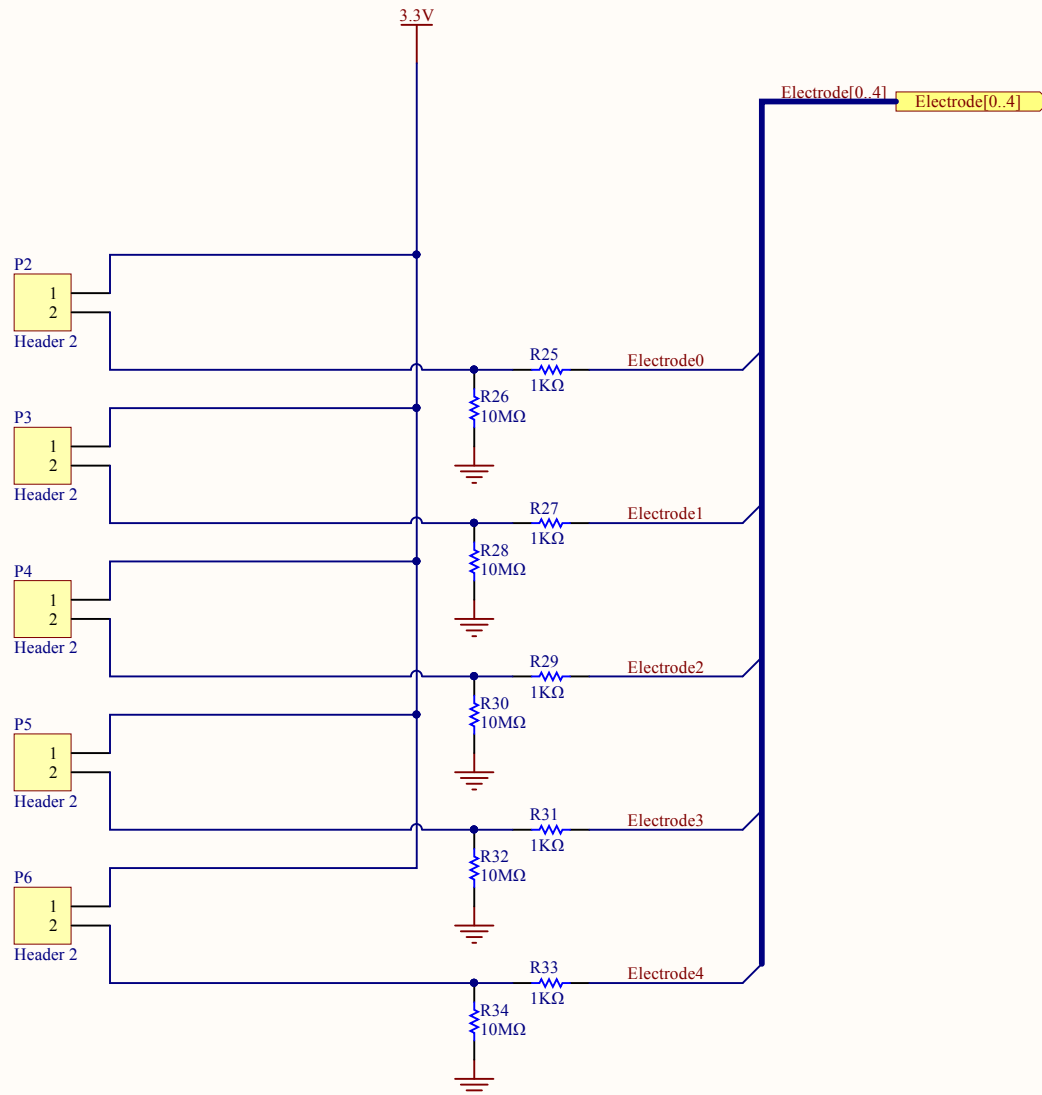
BLUE = 10mA

- Standby current = 0A

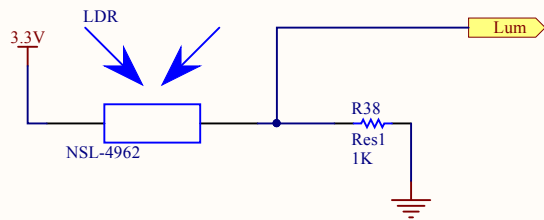


Title		
Size	Number	Revision
A		
Date:	5/21/2017	Sheet of
File:	C:\Users\...\LedAlert.SchDoc	Drawn By:

Bargraph
- Protocol: Parallele
- Supply current (per electrode)
Water = 0.3uA
Air = 0A

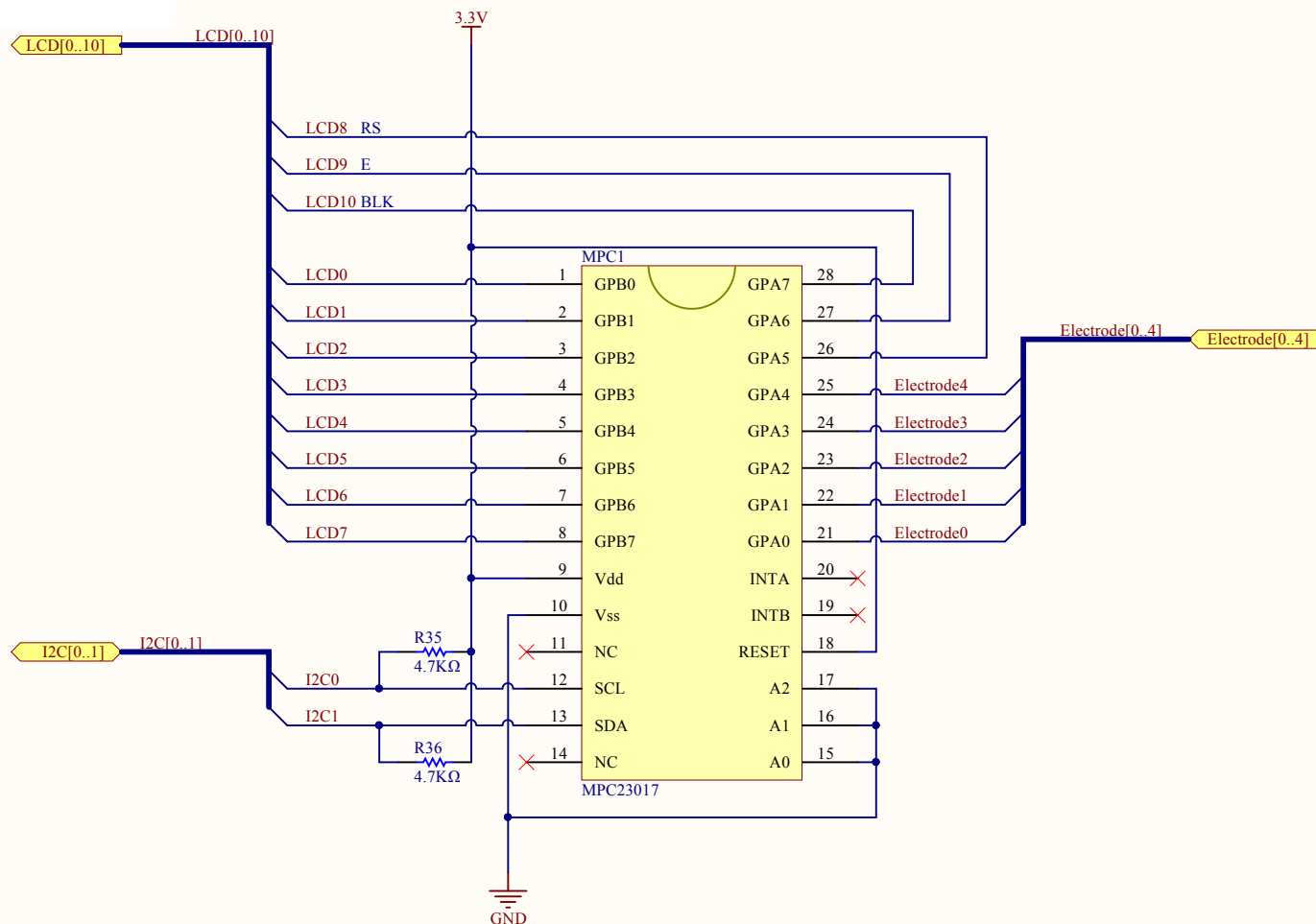


Title		
Size	Number	Revision
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Date:	5/21/2017	Sheet of
File:	C:\Users\...\Level Sensor.SchDoc	Drawn By:

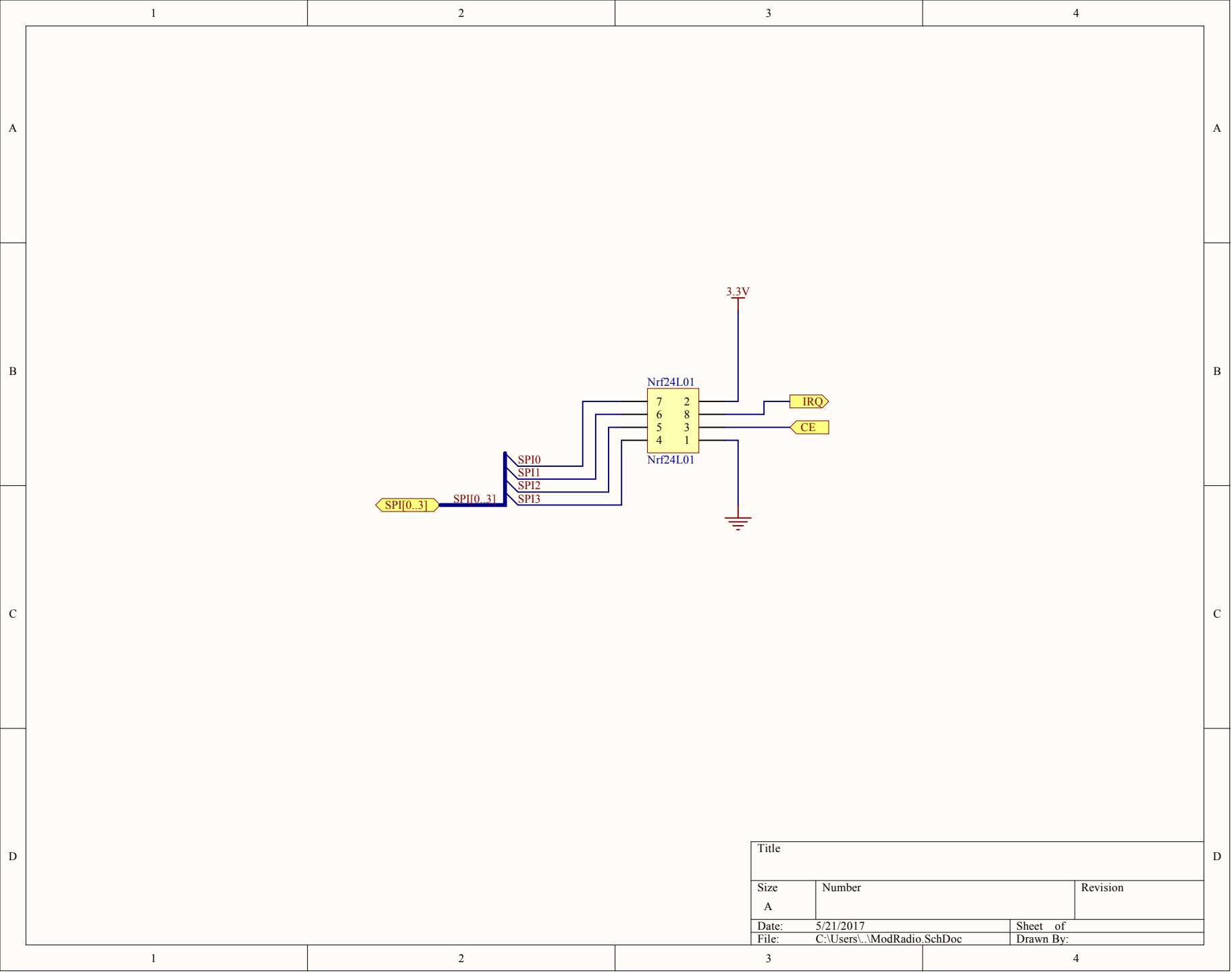


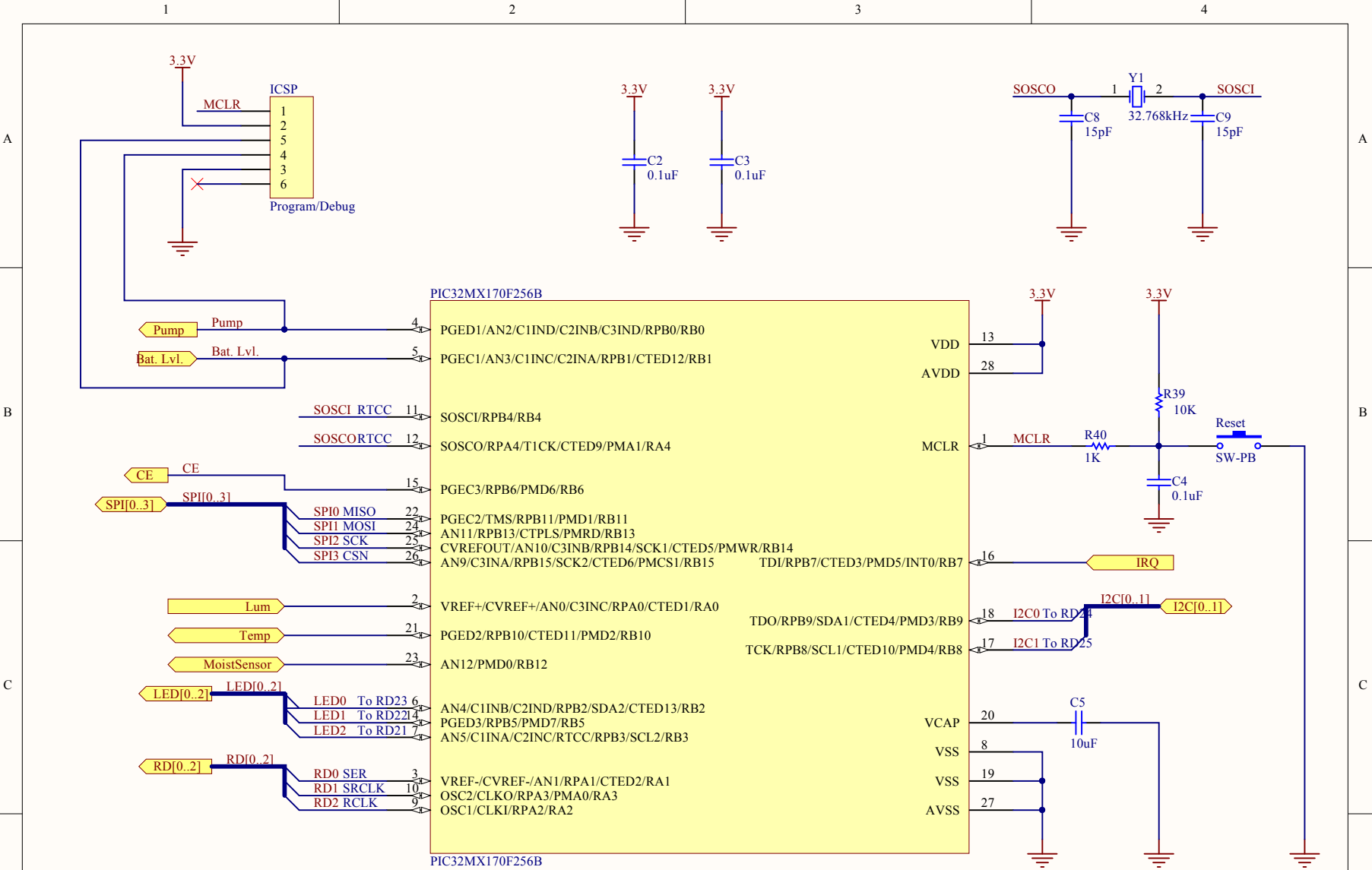
Title		
Size	Number	Revision
A		
Date:	5/21/2017	Sheet of
File:	C:\Users\...\LumSensor.SchDoc	Drawn By:

GPIO Extension
- Protocol: I2C
- Supply current = 1mA
- Standby current = 1uA



Title		
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Date:	5/21/2017	Sheet of
File:	C:\Users\...\MCP23017.SchDoc	Drawn By:





Title		
Size	Number	Revision
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Date: 5/21/2017		Sheet of
File: C:\Users\...\PIC.SchDoc		Drawn By:

1

2

3

4

A

B

C

D

P8

1

2

Header BAT

7.4V

7.4V

2

3

1

SW-On/Off

1

2

3

4

10uF

R41

2M

Bat. Lvl.

Bat. Lvl.

R42

1M

Regulator

Vin

Vout

Vout

GND

LM1117D-33

C7

100nF

3.3V

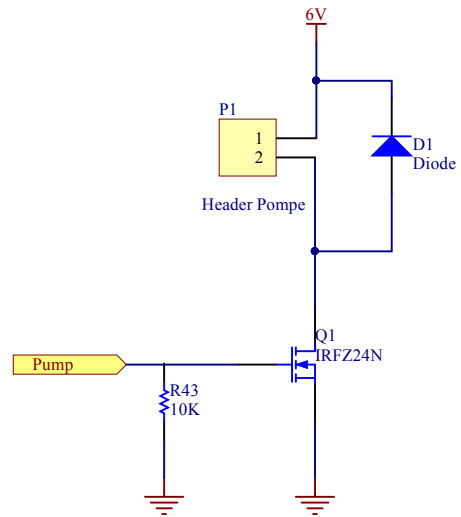
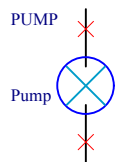
Title		
Size	Number	Revision
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Date:	5/21/2017	Sheet of
File:	C:\Users\...\Power.SchDoc	Drawn By:

1

2

3

4



Title		
Size A	Number	Revision
Date:	5/21/2017	Sheet of
File:	C:\Users\...\Pump.SchDoc	Drawn By:

