

A

DesignatorC
pH Sensor Unit.SchDoc

pH_Data

DesignatorB
MCU.SchDoc

pH_Data
Temp_Data
TDS_Data

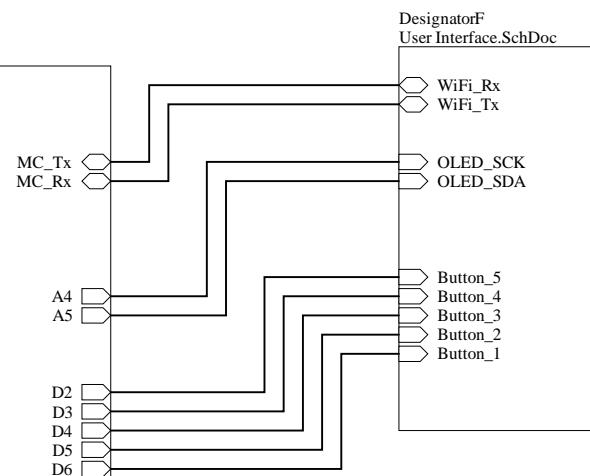
DesignatorE
Temp Sensor Unit.SchDoc

Temp_Data

DesignatorD
TDS Sensor Unit.SchDoc

TDS_Data

DesignatorA
Power Regulator.SchDoc



DesignatorF
User Interface.SchDoc

Motor_Signal

DesignatorG
Motor Drive Input.SchDoc

Title Block Diagram

Size	Number	Revision
A4	03	2
Date:	5/07/2024	Sheet of 1 of 8
File:	D:\Altium\..\Block Diagram.SchDoc	Drawn By: Vidumini H. M. V.

A

B

C

D

A

A

B

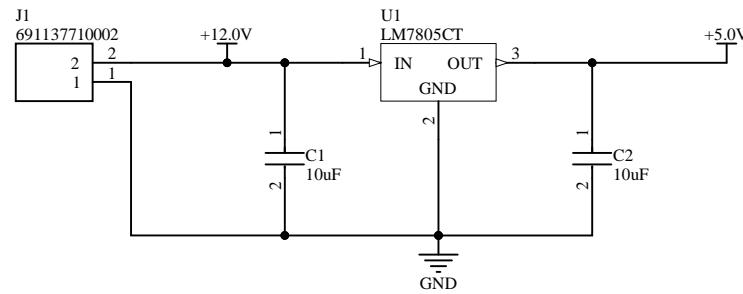
B

C

C

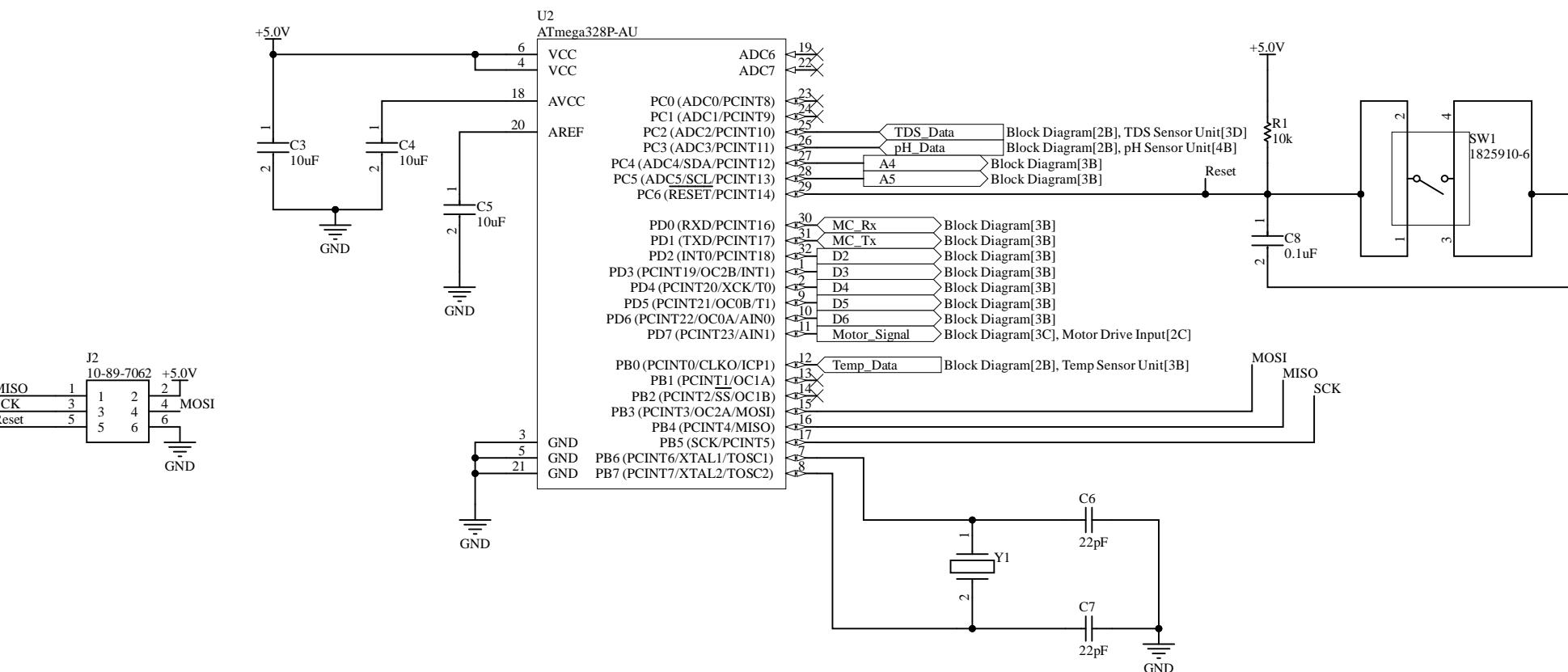
D

D



Title Power Regulator Circuit		
Size A4	Number 03	Revision 2
Date: 5/07/2024	Sheet of 2 of 8	
File: D:\Altium\..\Power Regulator.SchDoc	Drawn By: Vidumini H. M. V.	

A



Title

Microcontroller Unit

Size

A4

Number

03

Revision

2

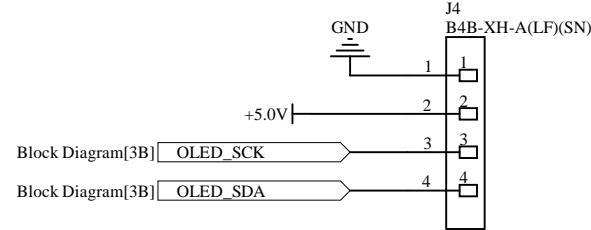
Date: 5/07/2024

File: D:\Altium\..\MCU.SchDoc

Sheet of 3 of 8

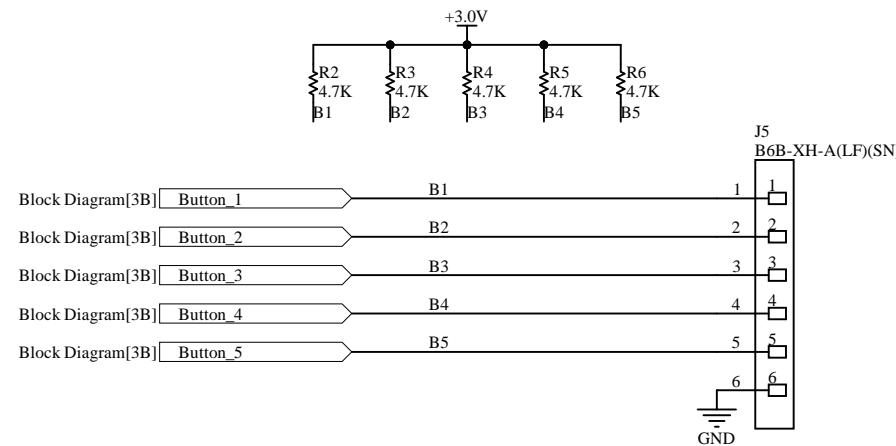
Drawn By: Vidumini H. M. V.

A



A

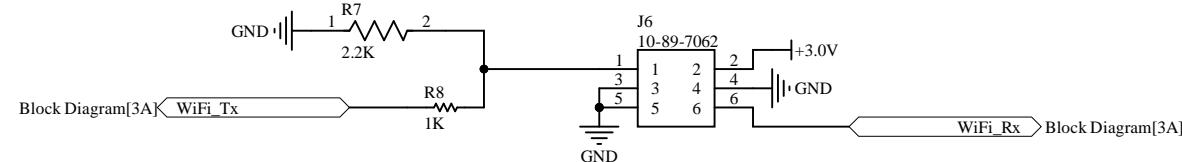
B



B

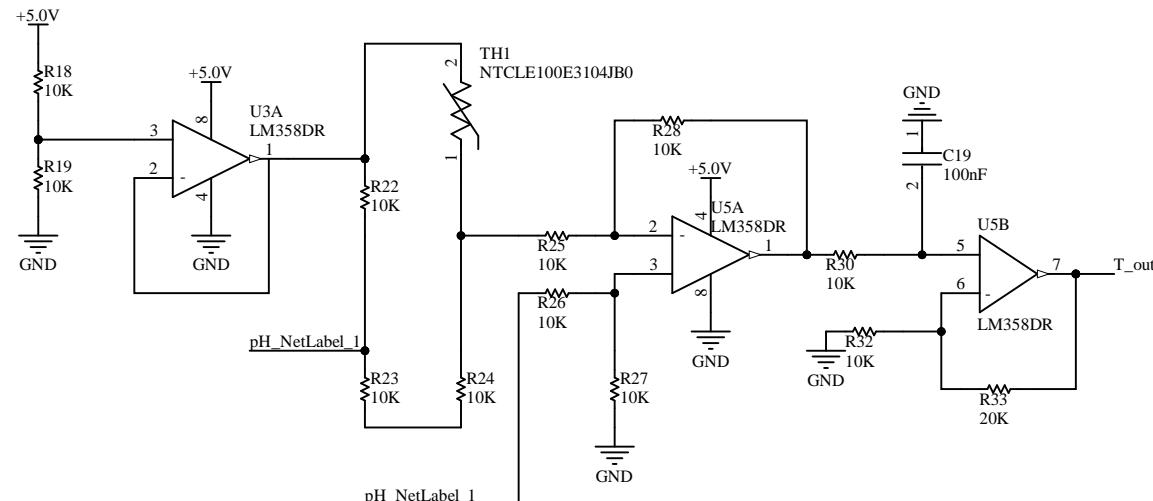
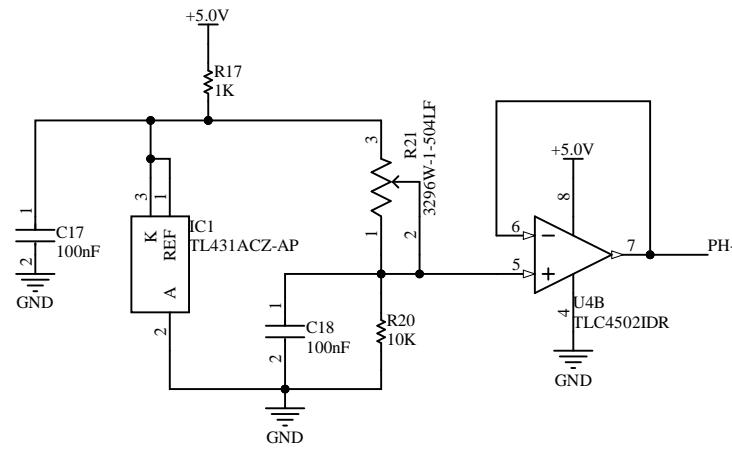
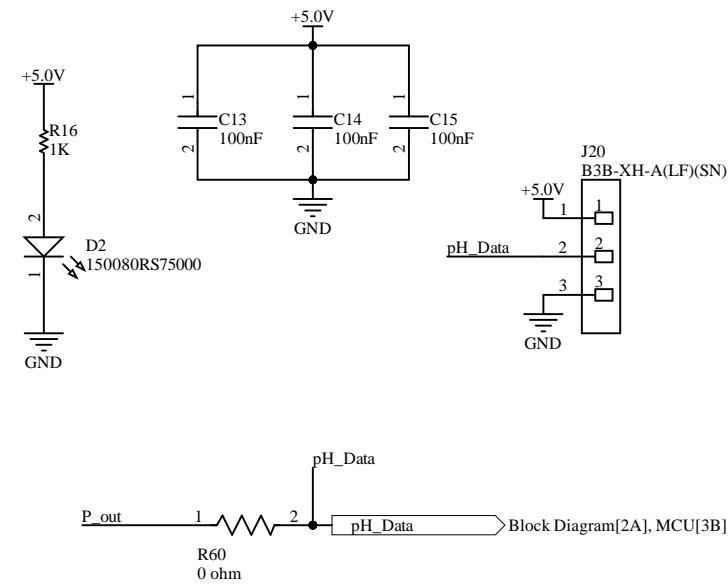
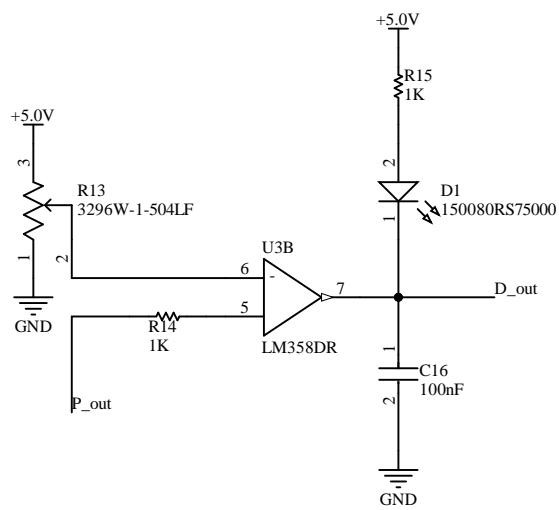
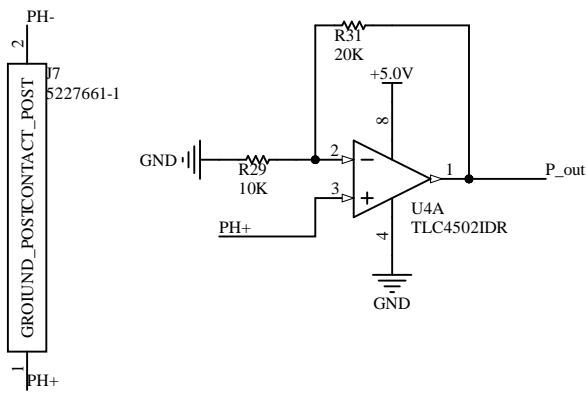
C

C



D

Title User Interface		
Size A4	Number 03	Revision 2
Date: 5/07/2024	Sheet of 4 of 8	
File: D:\Altium\..\User Interface.SchDoc	Drawn By: Vidumini H. M. V.	



Title		pH Sensor Unit	
Size A4	Number 03	Revision	2
Date:	5/07/2024	Sheet of	5 of 8
File:	D:\Altium\.\pH Sensor Unit.SchDoc	Drawn By:	Vidumini H. M. V.

1

2

3

1

1

2

3

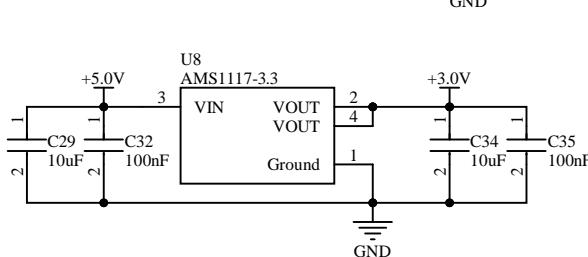
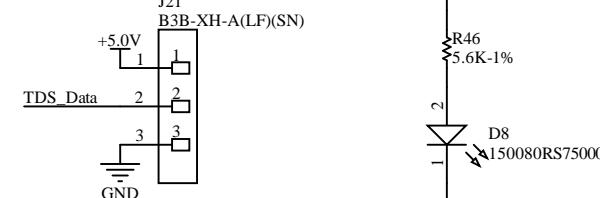
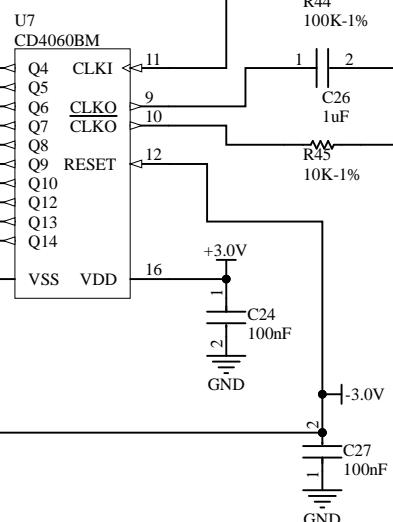
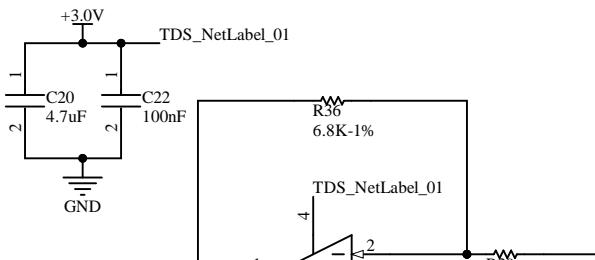
1

1

2

3

4

A
J8
B2B-XH-AM(LF)(SN)

Title
TDS Sensor

Size	Number	Revision
A4	03	2
Date:	5/07/2024	Sheet of 6 of 8

File: D:\Altium\..\TDS Sensor Unit.SchDoc Drawn By: Vidumini H. M. V.

1

2

3

4

A

A

B

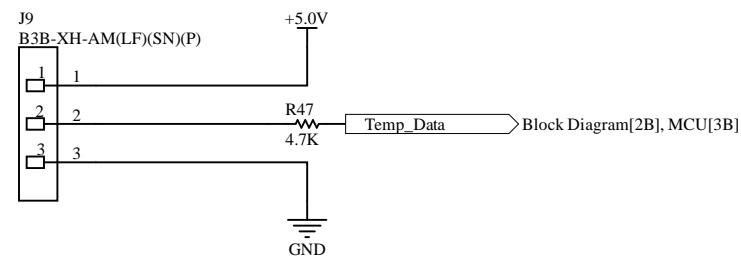
B

C

C

D

D



Title Temperature Sensor Unit		
Size A4	Number 03	Revision 2
Date: 5/07/2024	Sheet of 7 of 8	
File: D:\Altium\..\Temp Sensor Unit.SchDoc	Drawn By: Vidumini H. M. V.	

A

A

B

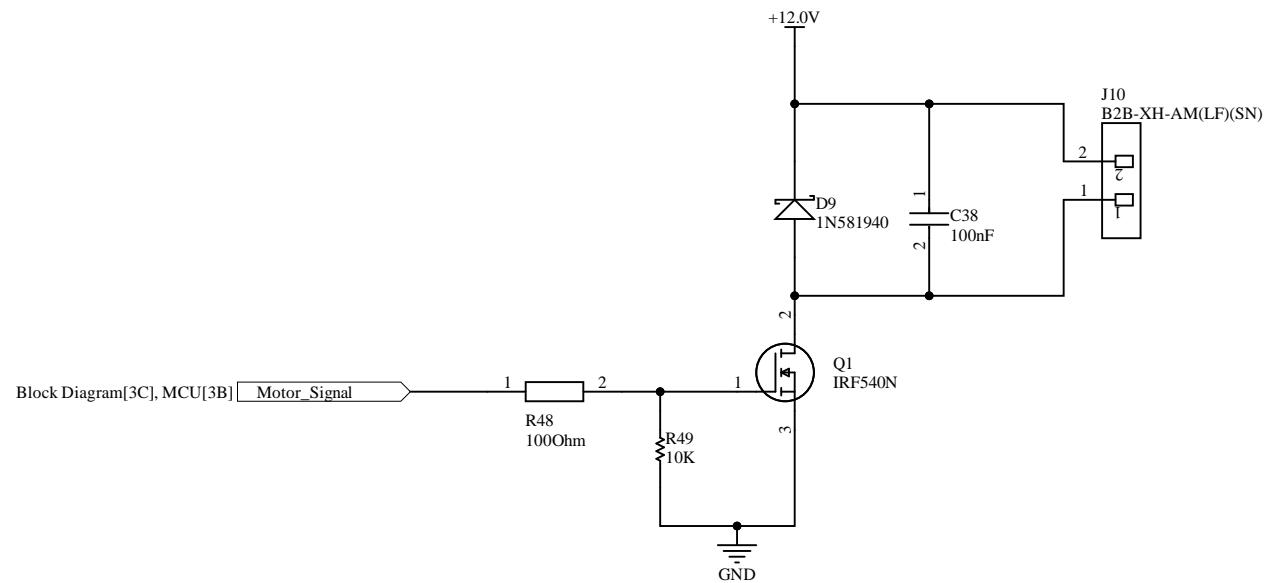
B

C

C

D

D



Title Motor Drive		
Size A4	Number 03	Revision 2
Date: 5/07/2024	Sheet of 8 of 8	
File: D:\Altium\..\Motor Drive Input.SchDoc	Drawn By: Vidumini H. M. V.	

