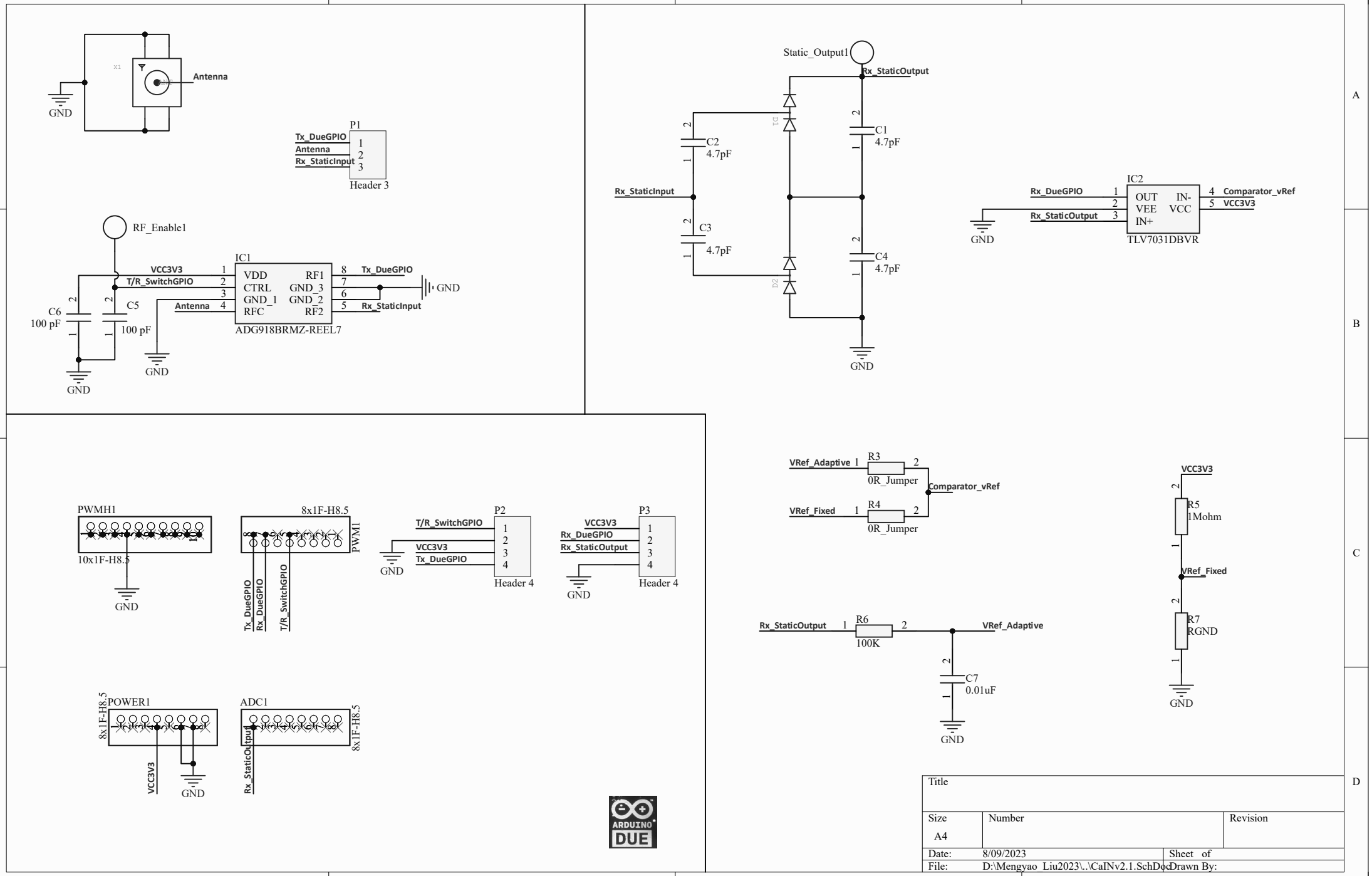
Antenna
GND
P1
Tx_DueGPIO
Antenna
Rx_StaticInput
Header 3
RF_Enable1
IC1
VCC3V3
T/R_SwitchGPIO
Antenna
VDD
CTRL
GND_1
RFC
RF1
GND_3
GND_2
RF2
Tx_DueGPIO
Rx_StaticInput
ADG918BRMZ-REEL7
C6
100 pF
C5
100 pF
Static_Output1
Rx_StaticOutput
C1
4.7pF
C2
4.7pF
C3
4.7pF
C4
4.7pF
Rx_StaticInput
IC2
Rx_DueGPIO
Rx_StaticOutput
OUT
VEE
IN+
IN-
VCC
Comparator_vRef
VCC3V3
TLV7031DBVR
VRef_Adaptive
R3
0R_Jumper
Comparator_vRef
VRef_Fixed
R4
0R_Jumper
VCC3V3
R5
1Mohm
VRef_Fixed
R7
RGND
Rx_StaticOutput
R6
100K
VRef_Adaptive
C7
0.01uF
PWMH1
10x1F-H8.5
8x1F-H8.5
PWM1
Tx_DueGPIO
Rx_DueGPIO
T/R_SwitchGPIO
P2
T/R_SwitchGPIO
VCC3V3
Tx_DueGPIO
Header 4
P3
VCC3V3
Rx_DueGPIO
Rx_StaticOutput
Header 4
POWER1
8x1F-H8.5
VCC3V3
ADC1
Rx_StaticOutput
8x1F-H8.5
ARDUINO
DUE
Title
Size
A4
Number
Revision
Date: 8/09/2023
Sheet of
File: D:\Mengyao_Liu2023\..\CalNv2.1.SchDoc
Drawn By: