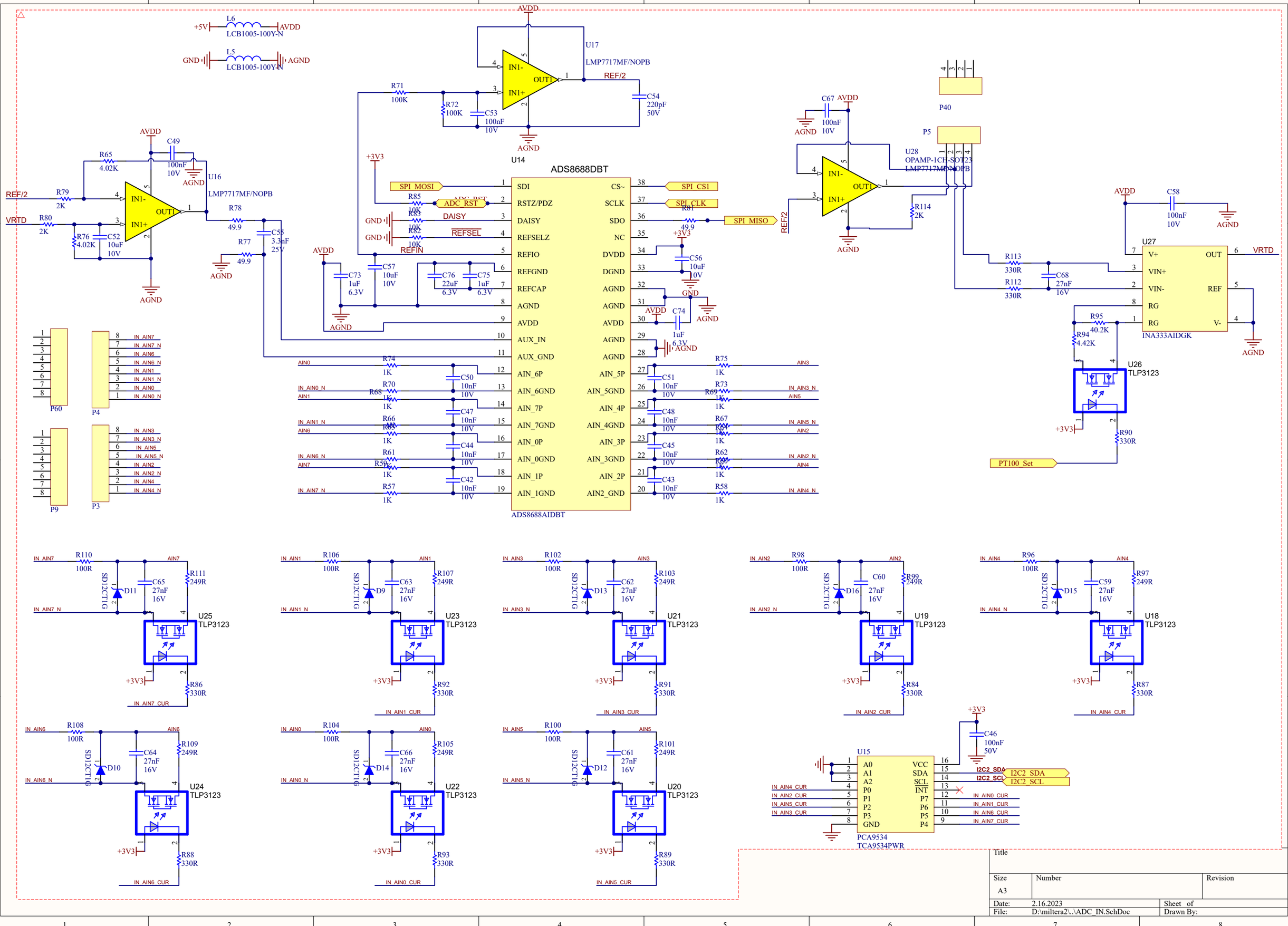
L6
LCB1005-100Y-N
+5V
AVDD
L5
LCB1005-100Y-N
GND
AGND
U17
LMP7717MF/NOPB
IN1-
IN1+
OUT1
REF/2
R71
100K
R72
100K
C53
100nF
10V
C54
220pF
50V
U14
ADS8688DBT
SDI
RSTZ/PDZ
DAISY
REFSELZ
REFIO
REFGND
REFCAP
AGND
AVDD
AUX_IN
AUX_GND
AIN_6P
AIN_6GND
AIN_7P
AIN_7GND
AIN_0P
AIN_0GND
AIN_1P
AIN_1GND
CS~
SCLK
SDO
NC
DVDD
DGND
AGND
AVDD
AGND
AGND
AIN_5P
AIN_5GND
AIN_4P
AIN_4GND
AIN_3P
AIN_3GND
AIN_2P
AIN2_GND
ADS8688AIDBT
SPI_MOSI
ADC_RST
DAISY
REFSEL
REFIN
SPI_CS1
SPI_CLK
SPI_MISO
R85
10K
R83
10K
R82
10K
R81
49.9
C73
1uF
6.3V
C57
10uF
10V
C76
22uF
6.3V
C75
1uF
6.3V
C56
10uF
10V
C74
1uF
6.3V
R74
1K
R70
1K
R68
1K
R66
1K
R61
1K
R59
1K
R57
1K
R75
1K
R73
1K
R69
1K
R67
1K
R62
1K
R60
1K
R58
1K
C50
10nF
10V
C47
10nF
10V
C44
10nF
10V
C42
10nF
10V
C51
10nF
10V
C48
10nF
10V
C45
10nF
10V
C43
10nF
10V
AIN0
AIN1
AIN6
AIN7
AIN3
AIN5
AIN2
AIN4
IN_AIN0_N
IN_AIN1_N
IN_AIN6_N
IN_AIN7_N
IN_AIN3_N
IN_AIN5_N
IN_AIN2_N
IN_AIN4_N
P60
P4
P9
P3
IN_AIN7
IN_AIN7_N
IN_AIN6
IN_AIN6_N
IN_AIN1
IN_AIN1_N
IN_AIN0
IN_AIN0_N
IN_AIN3
IN_AIN3_N
IN_AIN5
IN_AIN5_N
IN_AIN2
IN_AIN2_N
IN_AIN4
IN_AIN4_N
U16
LMP7717MF/NOPB
R65
4.02K
R79
2K
R80
2K
R76
4.02K
C52
10uF
10V
C49
100nF
10V
R78
49.9
R77
49.9
C55
3.3nF
25V
REF/2
VRTD
C67
100nF
10V
U28
OPAMP-1CH-SOT23
LMP7717MFNOPB
R114
2K
P40
P5
R113
330R
R112
330R
C68
27nF
16V
U27
INA333AIDGK
V+
VIN+
VIN-
RG
RG
OUT
REF
V-
C58
100nF
10V
R95
40.2K
R94
4.42K
U26
TLP3123
R90
330R
PT100_Set
U25
TLP3123
U23
TLP3123
U21
TLP3123
U19
TLP3123
U18
TLP3123
U24
TLP3123
U22
TLP3123
U20
TLP3123
R110
100R
R106
100R
R102
100R
R98
100R
R96
100R
R108
100R
R104
100R
R100
100R
R111
249R
R107
249R
R103
249R
R99
249R
R97
249R
R109
249R
R105
249R
R101
249R
C65
27nF
16V
C63
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16V
C62
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16V
C60
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16V
C59
27nF
16V
C64
27nF
16V
C66
27nF
16V
C61
27nF
16V
D11
D9
D13
D16
D15
D10
D14
D12
SD12CT1G
R86
330R
R92
330R
R91
330R
R84
330R
R87
330R
R88
330R
R93
330R
R89
330R
IN_AIN7_CUR
IN_AIN1_CUR
IN_AIN3_CUR
IN_AIN2_CUR
IN_AIN4_CUR
IN_AIN6_CUR
IN_AIN0_CUR
IN_AIN5_CUR
U15
PCA9534
TCA9534PWR
A0
A1
A2
P0
P1
P2
P3
GND
VCC
SDA
SCL
INT
P7
P6
P5
P4
C46
100nF
50V
I2C2_SDA
I2C2_SCL
Title
Size
A3
Number
Revision
Date:
2.16.2023
File:
D:\miltera2\..\ADC_IN.SchDoc
Sheet of
Drawn By: