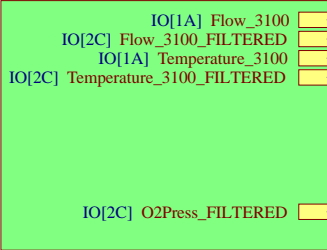


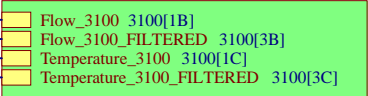
U\_Power&Vref  
Power&Vref.SchDoc



U\_IO  
IO.SchDoc



U\_3100  
3100.SchDoc



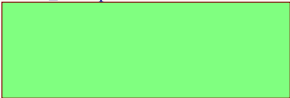
U\_氧气源压力传感器  
OxygenPressureSensor.SchDoc



U\_框图  
框图.SchDoc

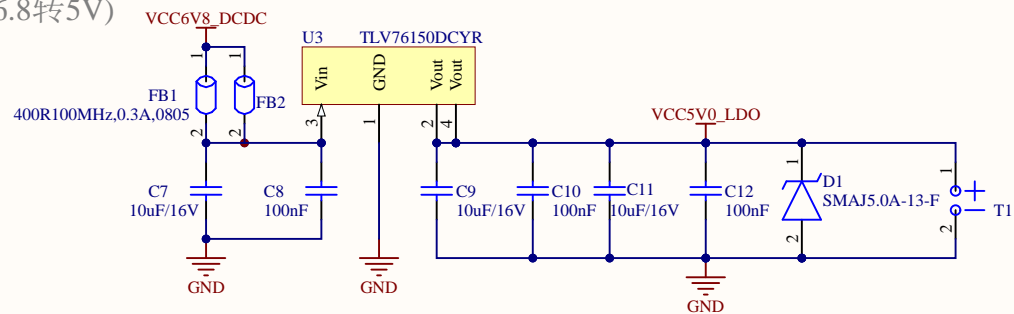


U\_Sensor\_backup  
Sensor\_backup.SchDoc

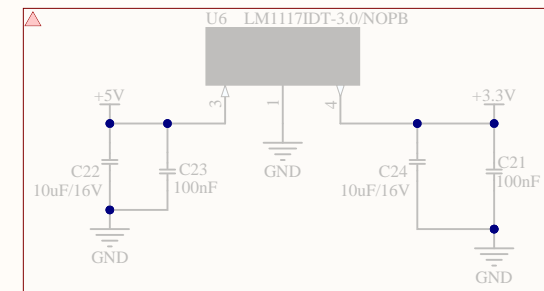
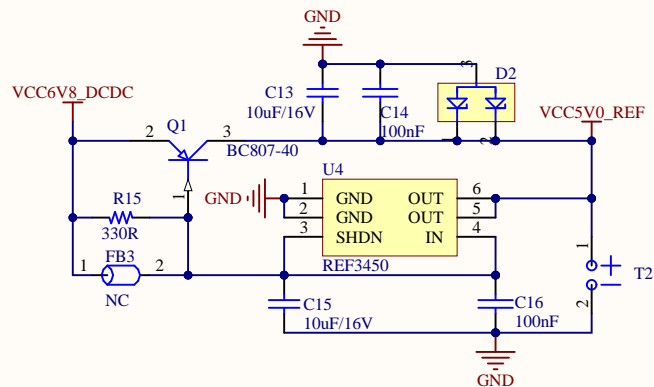


Title			
Size	Number		Revision
A4			
Date:	9/29/2024	Sheet	of
File:	C:\Users\...\Top.SchDoc	Drawn By:	

# LDO(6.8转5V)



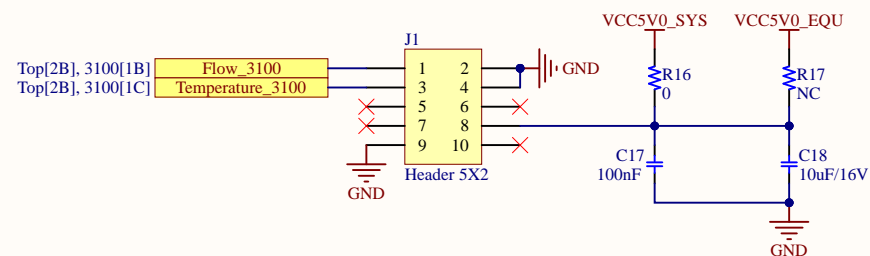
# REF(6.8转5V)



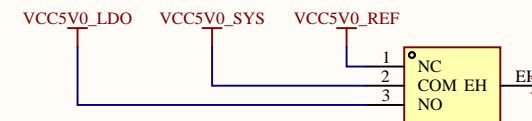
Title		
Size	Number	Revision
A4		
Date:	9/29/2024	Sheet of
File:	C:\Users\...\Power&Vref.SchDoc	Drawn By:

3100

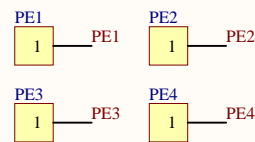
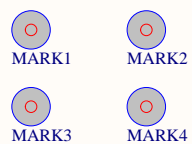
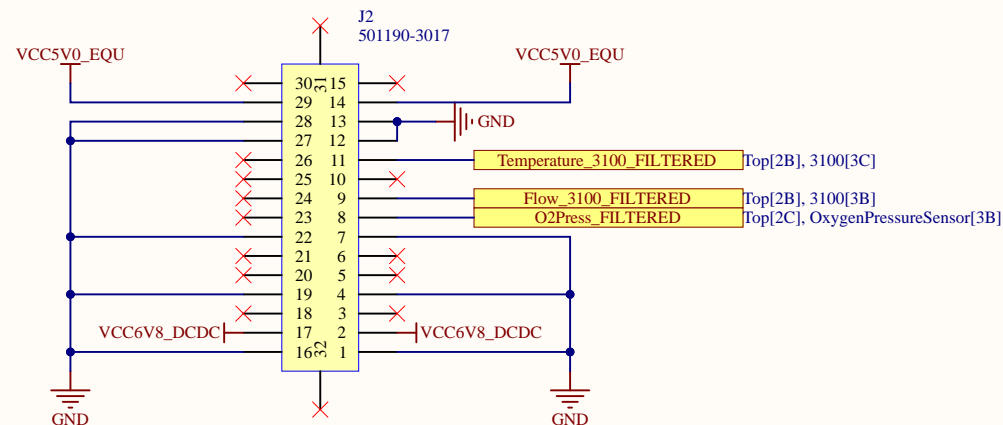
$I_s=30\text{mA}$   $R_{\text{load}}=10\text{k}$   $C_{\text{load}}=100\text{nF}$



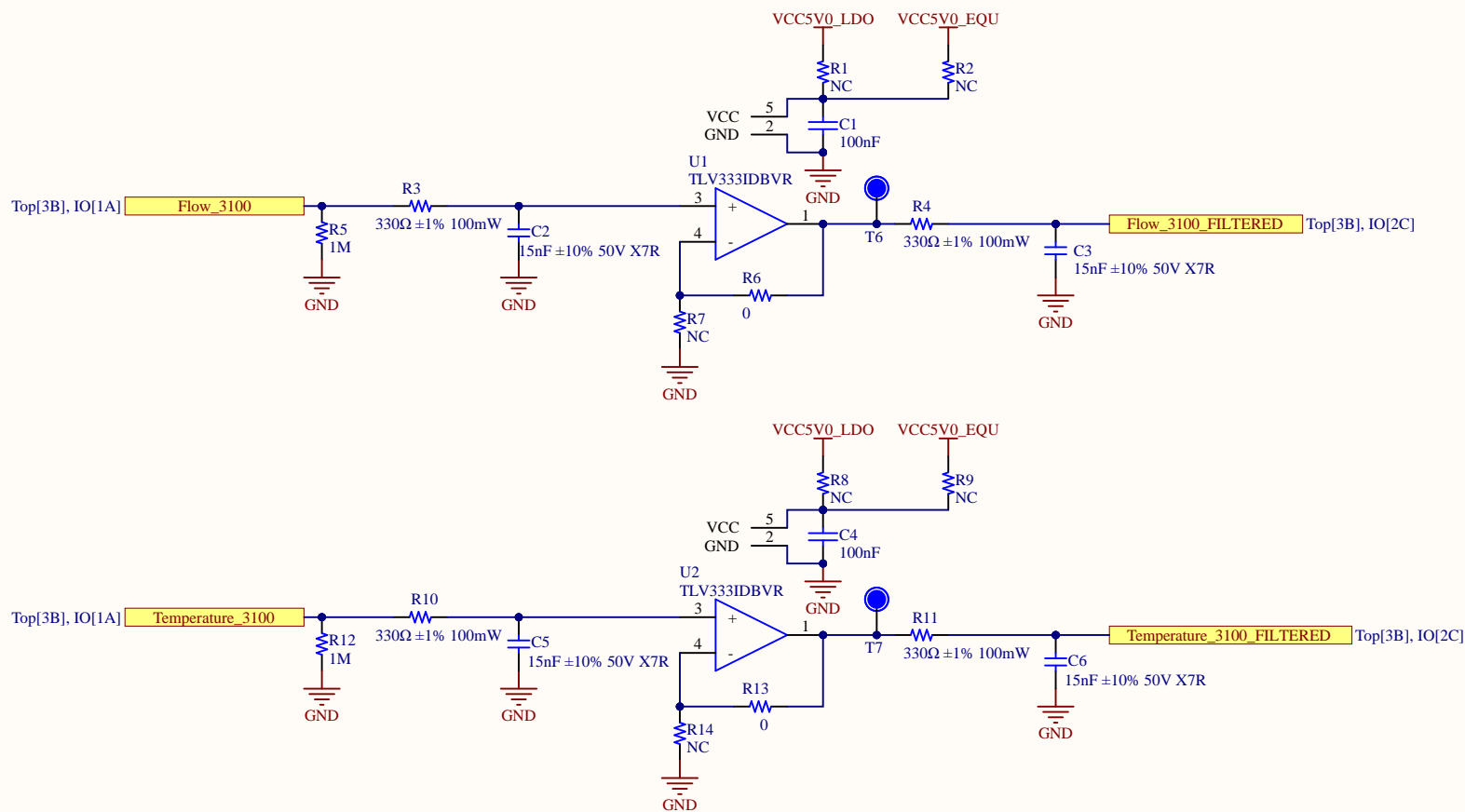
两种5V供电选择



Port

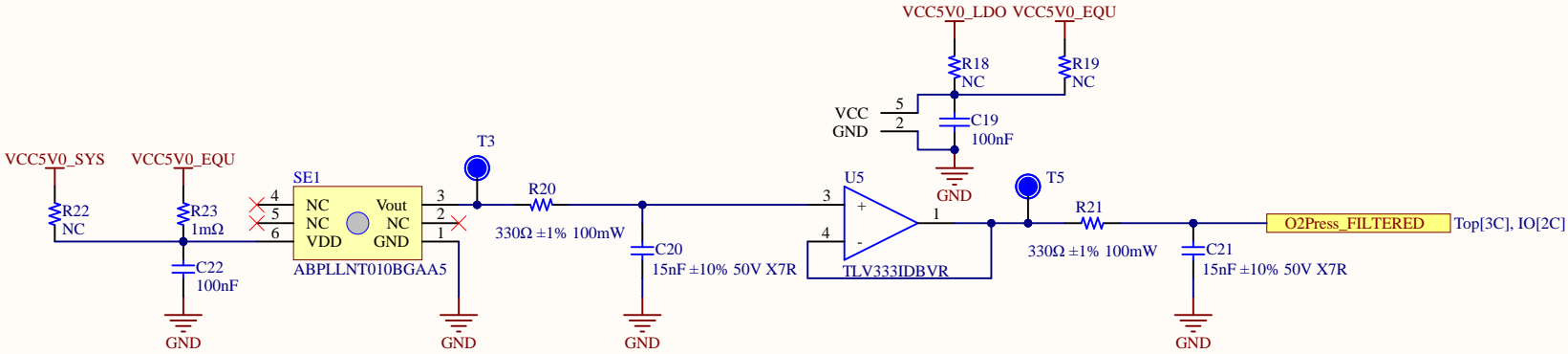


Title		
Size	Number	Revision
A4		
Date:	9/29/2024	Sheet of
File:	C:\Users\...\IO.SchDoc	Drawn By:

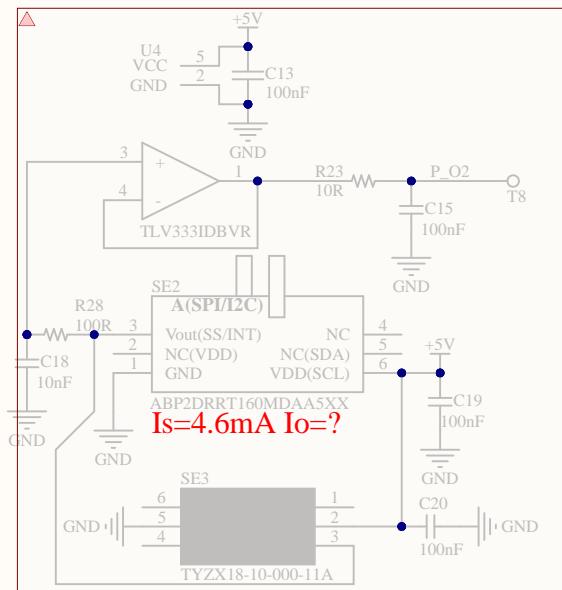


				AEOMED 谊安
版本	标记	更改单号	签字、日期	
设计			工艺	
审核			标审	
			批准	共 页 第 页

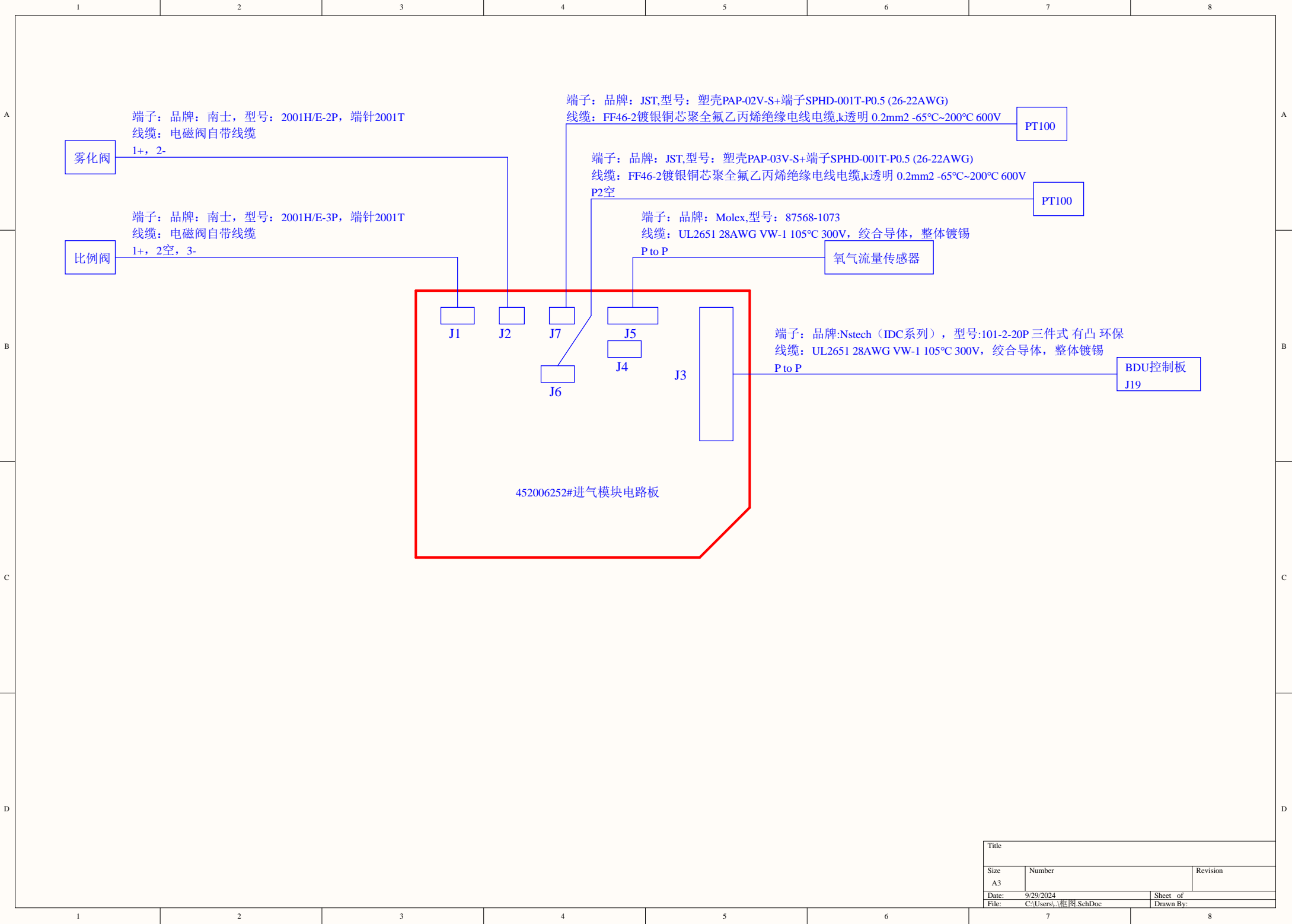
氧气源压力传感器  $I_s=4.6\text{mA}$   $I_o=?$



Title		
Size	Number	Revision
A4		
Date:	9/29/2024	Sheet of
File:	C:\Users\...\OxygenPressureSensor.SchDocDrawn By:	



Title		
Size	Number	Revision
A4		
Date:	9/29/2024	Sheet of
File:	C:\Users\...\Sensor_backup.SchDoc	Drawn By:



端子：品牌：南士，型号：2001H/E-2P，端针2001T  
线缆：电磁阀自带线缆  
1+，2-

端子：品牌：南士，型号：2001H/E-3P，端针2001T  
线缆：电磁阀自带线缆  
1+，2空，3-

端子：品牌：JST,型号：塑壳PAP-02V-S+端子SPHD-001T-P0.5 (26-22AWG)  
线缆：FF46-2镀银铜芯聚全氟乙丙烯绝缘电线电缆,k透明 0.2mm2 -65℃~200℃ 600V

端子：品牌：JST,型号：塑壳PAP-03V-S+端子SPHD-001T-P0.5 (26-22AWG)  
线缆：FF46-2镀银铜芯聚全氟乙丙烯绝缘电线电缆,k透明 0.2mm2 -65℃~200℃ 600V  
P2空

端子：品牌：Molex,型号：87568-1073  
线缆：UL2651 28AWG VW-1 105℃ 300V，绞合导体，整体镀锡

端子：品牌:Nstech（IDC系列），型号:101-2-20P 三件式 有凸 环保  
线缆：UL2651 28AWG VW-1 105℃ 300V，绞合导体，整体镀锡

Title		
Size	Number	Revision
A3		
Date:	9/29/2024	Sheet of
File:	C:\Users\...\框图.SchDoc	Drawn By:





Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	[NoValue], 贴片 瓷介电容100nF± 5%,0805, Capacitor, 三 星,CL10B104JB8 NNNC,0603,X7R,	C1, C4, C8, C10, C12, C14, C16, C17, C19, C22	C-0603	C-0603, 100nF_1, CAP, 100nF_0805, 100nF-0603	10
15nF ±10% 50V X7R	三 星,CL10B104JB8 NNNC,0603,X7R,	C2, C3, C5, C6, C20, C21	C-0603	100nF-0603	6
10uF/16V	[NoValue], 贴片 瓷介电容100nF± 5%,0805	C7, C9, C11, C13, C15, C18	C-0805	C-1210, 100nF_1, 10uF_1210	6
SMAJ5.0A-13-F	TVS Diode (Uni- directional)	D1	DIOM5226X230 N	SMAJ5.0A-13-F	1
PESD5V2S2UT	PESD5V2S2UT	D2	sot23-3	PESDxS2UT	1
400R100MHz,0.3 A,0805	Rdc0.3Ω,伍尔 特,742792032	FB1, FB2	R-0805	FB_1K/500mA_08 05	2
NC	Rdc0.3Ω,伍尔 特,742792032	FB3	R-0805	FB_1K/500mA_08 05	1
Header 5X2	Header, 5-Pin, Dual row	J1	878311041	Header 5X2	1
501190-3017		J2	501190-3017	501190-3017	1
MARK_POINT		MARK1, MARK2, MARK3, MARK4	MARK_POINT	MARK_POINT	4
	Connector	PE1, PE2, PE3, PE4	固定孔-M3	CON1	4
BC807-40		Q1	SOT23-3	BC807-40	1
NC	国巨RC0805FR- 0710K, 国巨 RC0805FR-071K, [NoValue]	R1, R2, R7, R8, R9, R14, R17, R18, R19, R22	R-0603	10K_1, 1K_1, R- 0603	10
330Ω ±1% 100mW	国巨RC0603FR- 07100RL,0603,1/ 10W	R3, R4, R10, R11, R20, R21	R-0603	100R-0603	6
1M		R5, R12	R-0603	R-0603	2
0	国巨RC0805FR- 071K, 国巨 RC0805FR- 0710K	R6, R13, R16	R-0603	1K_1, 10K_1	3
330R	国巨RC0805FR- 07100R	R15	R-0805	100Ω_1	1
1mΩ		R23	R-0603	R-0603	1
ABPLLNT010BGA A5	Honeywell,ABPD LNV150PGAA3,A BP-DIP LN,0- 150psi,ROHS	SE1	ABPMLN	ABPD LNV150PG AA3	1
SK12D07L5B		SW1	SW-TH_SK- 12D07-X-X	SK12D07L5B	1
POWER_TEST		T1, T2	BT	POWER_TEST	2
Test?	TestPad_SMD	T3, T5, T6, T7	TestPad_SMD	TestPad_SMD	4
TLV333IDBVR	品牌: TI, 型 号: TLV333IDBVR,SO IC-8,-25°~+85° C,单运放, ROHS	U1, U2, U5	SOT23-5	TLV333IDBVR	3
TLV76150DCYR	品牌: TI, 型 号: LM1117IMP- 3.3/NOPB, 800- mA Low- Dropout, SOT223, -40~+ 125°C, ROHS	U3	SOT223	LM1117IMP- 3.3/NOPB	1
REF3450		U4	SOT23-6	REF3225	1