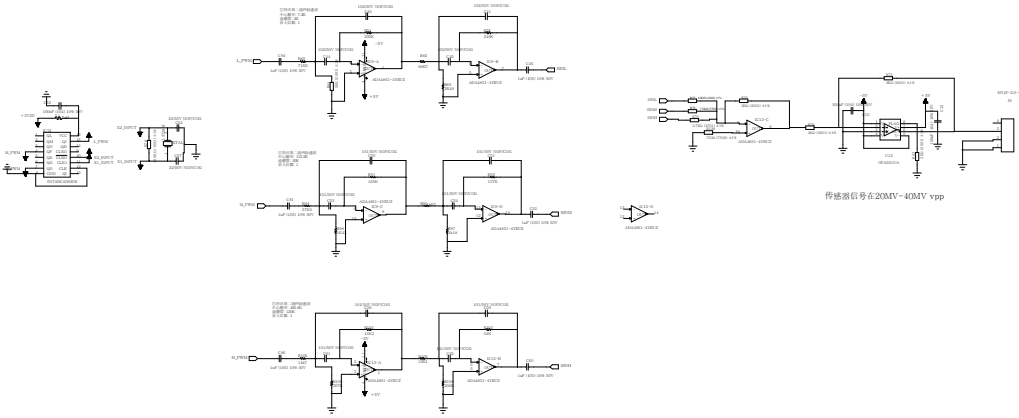
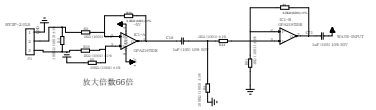


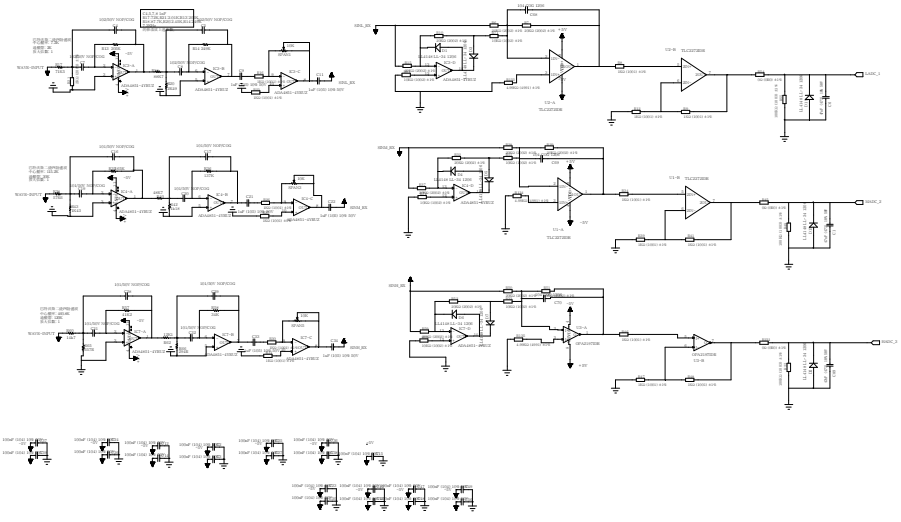
传感器信号在20MV-40MV vpp

三倾段峰峰值相加输出电压峰峰值不能超过6.8V　否则失真削顶

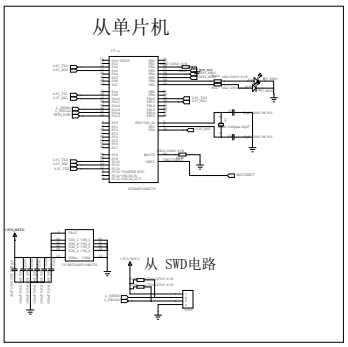


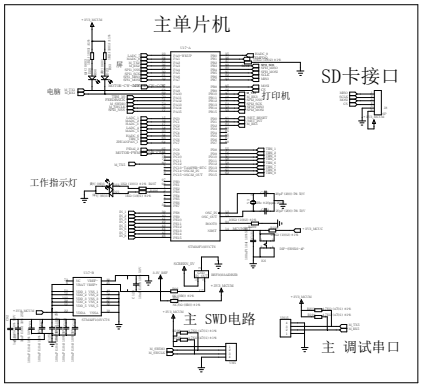
放大倍数66倍

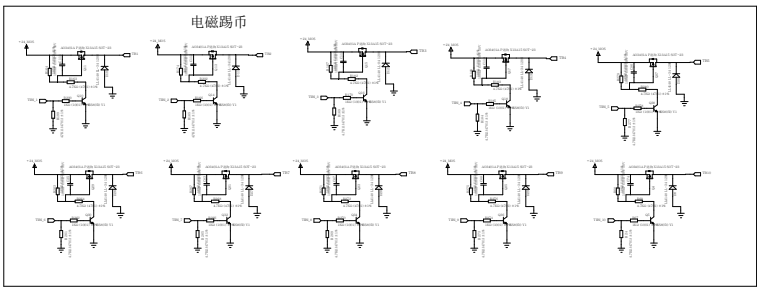
清分机 平均值为1.82-1.9V较为合适双屏蔽，上接收

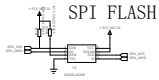


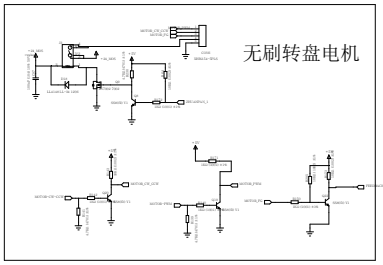
AD 转换

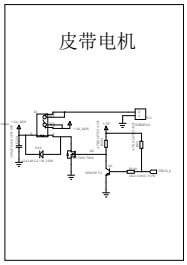

从单片机
从 SWD电路

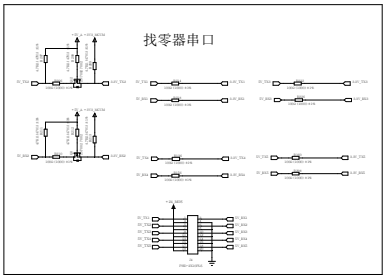

主单片机
SD卡接口
电脑
打印机
工作指示灯
主 SWD电路
主 调试串口

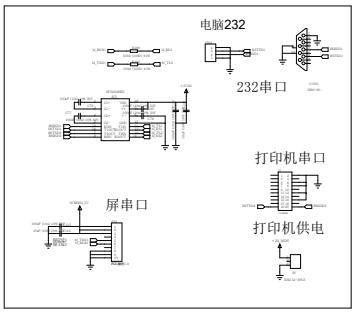

电磁踢币

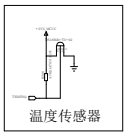

SPI FLASH

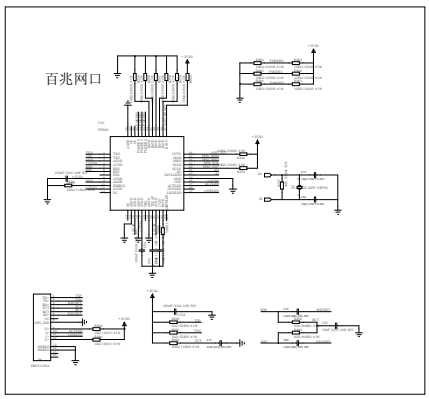

无刷转盘电机

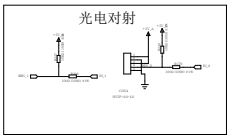

皮带电机

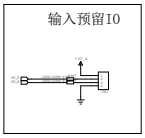

找零器串口

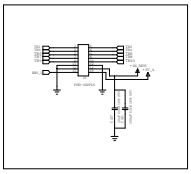

电脑232
232串口
打印机串口
屏串口
打印机供电

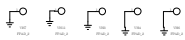

温度传感器

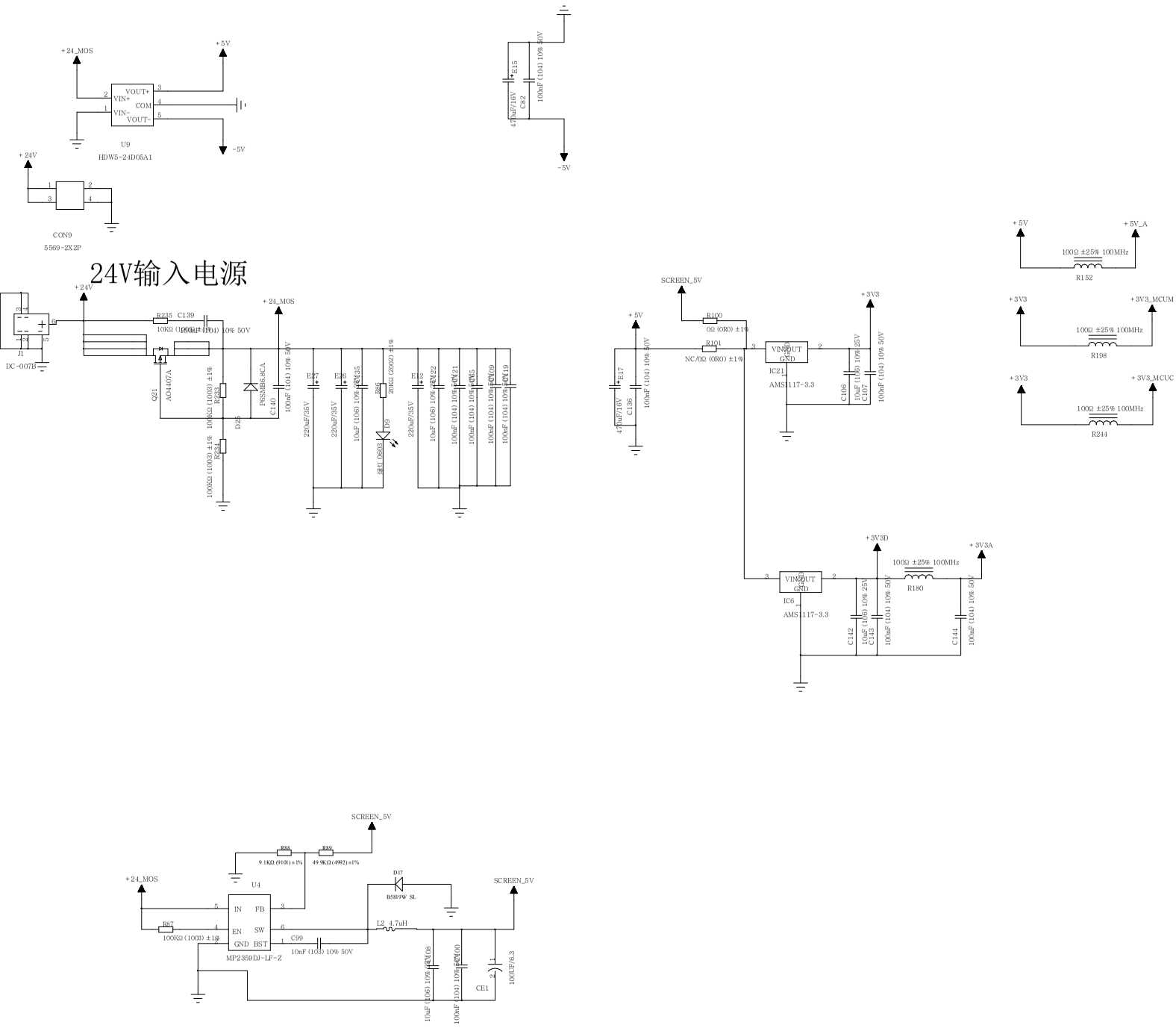

百兆网口


光电对射


输入预留IO







24V输入电源
+24_MOS
+5V
-5V
VOUT+
VIN+
COM
VIN-
VOUT-
U9
HDW5-24D05A1
+24V
CON9
5569-2X2P
J1
DC-007B
R235
C139
Q21
AO4407A
R233
R234
D25
P6SMB6.8CA
C140
100nF (104) 10% 50V
E27
E26
E12
220uF/35V
10uF (106) 10% 25V
R86
20KΩ (2002) ±1%
D9
E15
C82
470uF/16V
100nF (104) 10% 50V
SCREEN_5V
R100
0Ω (0R0) ±1%
R101
NC/0Ω (0R0) ±1%
E17
C136
VIN
VOUT
GND
IC21
AMS1117-3.3
+3V3
C106
C107
+5V_A
R152
+3V3_MCUM
R198
+3V3_MCUC
R244
+3V3D
+3V3A
R180
IC6
C142
C143
C144
R88
9.1KΩ (9101) ±1%
R89
49.9KΩ (4992) ±1%
U4
IN
FB
EN
SW
GND
BST
MP2359DJ-LF-Z
R87
100KΩ (1003) ±1%
C99
10nF (103) 10% 50V
D17
B5819W SL
L2 4.7uH
C1
100UF/6.3