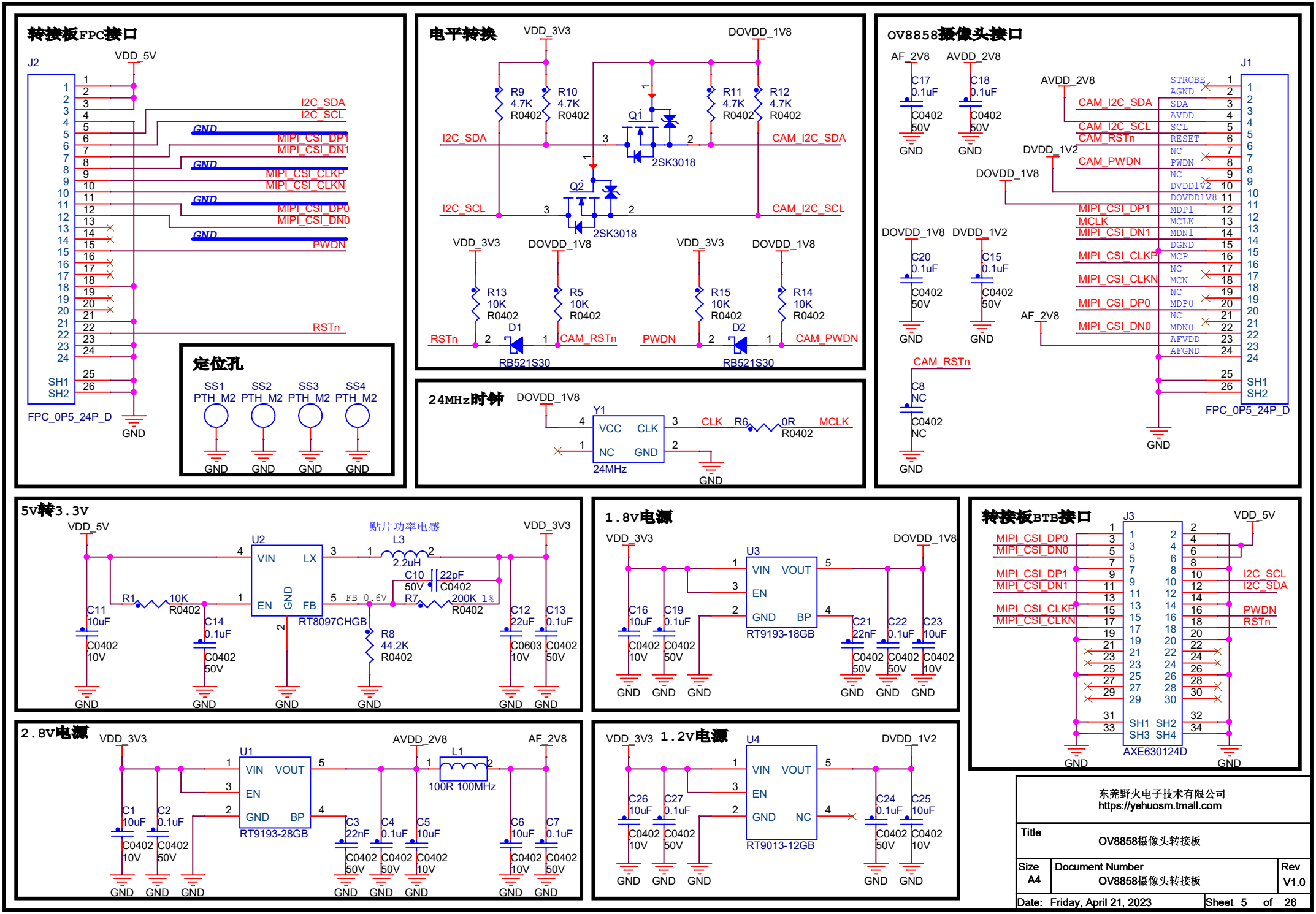
转接板FPC接口
J2
VDD_5V
I2C_SDA
I2C_SCL
GND
MIPI_CSI_DP1
MIPI_CSI_DN1
GND
MIPI_CSI_CLKP
MIPI_CSI_CLKN
GND
MIPI_CSI_DP0
MIPI_CSI_DN0
GND
PWDN
RSTn
SH1
SH2
FPC_0P5_24P_D
GND
定位孔
SS1 PTH_M2
SS2 PTH_M2
SS3 PTH_M2
SS4 PTH_M2
GND GND GND GND
电平转换
VDD_3V3
DOVDD_1V8
R9 4.7K R0402
R10 4.7K R0402
R11 4.7K R0402
R12 4.7K R0402
Q1
2SK3018
I2C_SDA
CAM_I2C_SDA
Q2
2SK3018
I2C_SCL
CAM_I2C_SCL
R13 10K R0402
R5 10K R0402
R15 10K R0402
R14 10K R0402
D1
D2
RSTn
CAM_RSTn
PWDN
CAM_PWDN
RB521S30
RB521S30
24MHz时钟
DOVDD_1V8
Y1
VCC CLK
NC GND
24MHz
CLK
R6
0R R0402
MCLK
GND
OV8858摄像头接口
AF_2V8
AVDD_2V8
C17 0.1uF C0402 50V
C18 0.1uF C0402 50V
GND
J1
STROBE
AGND
SDA
AVDD
SCL
RESET
NC
PWDN
NC
DVDD1V2
DOVDD1V8
MDP1
MCLK
MDN1
DGND
MCP
NC
MCN
NC
MDP0
NC
MDN0
AFVDD
AFGND
CAM_I2C_SDA
CAM_I2C_SCL
CAM_RSTn
CAM_PWDN
DVDD_1V2
DOVDD_1V8
MIPI_CSI_DP1
MCLK
MIPI_CSI_DN1
MIPI_CSI_CLKP
MIPI_CSI_CLKN
MIPI_CSI_DP0
MIPI_CSI_DN0
C20 0.1uF C0402 50V
C15 0.1uF C0402 50V
C8 NC C0402 NC
SH1
SH2
FPC_0P5_24P_D
5V转3.3V
VDD_5V
贴片功率电感
VDD_3V3
U2
VIN LX
EN GND FB
RT8097CHGB
L3
2.2uH
C10 22pF 50V C0402
R7 200K 1% R0402
R1 10K R0402
R8 44.2K R0402
C11 10uF C0402 10V
C14 0.1uF C0402 50V
C12 22uF C0603 10V
C13 0.1uF C0402 50V
1.8V电源
VDD_3V3
DOVDD_1V8
U3
VIN VOUT
EN
GND BP
RT9193-18GB
C16 10uF C0402 10V
C19 0.1uF C0402 50V
C21 22nF C0402 50V
C22 0.1uF C0402 50V
C23 10uF C0402 10V
转接板BTB接口
J3
VDD_5V
MIPI_CSI_DP0
MIPI_CSI_DN0
MIPI_CSI_DP1
MIPI_CSI_DN1
MIPI_CSI_CLKP
MIPI_CSI_CLKN
I2C_SCL
I2C_SDA
PWDN
RSTn
SH1 SH2
SH3 SH4
AXE630124D
2.8V电源
VDD_3V3
AVDD_2V8
AF_2V8
U1
VIN VOUT
EN
GND BP
RT9193-28GB
L1
100R 100MHz
C1 10uF C0402 10V
C2 0.1uF C0402 50V
C3 22nF C0402 50V
C4 0.1uF C0402 50V
C5 10uF C0402 10V
C6 10uF C0402 10V
C7 0.1uF C0402 50V
1.2V电源
VDD_3V3
U4
VIN VOUT
EN
GND NC
RT9013-12GB
DVDD_1V2
C26 10uF C0402 10V
C27 0.1uF C0402 50V
C24 0.1uF C0402 50V
C25 10uF C0402 10V
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Sheet 5 of 26