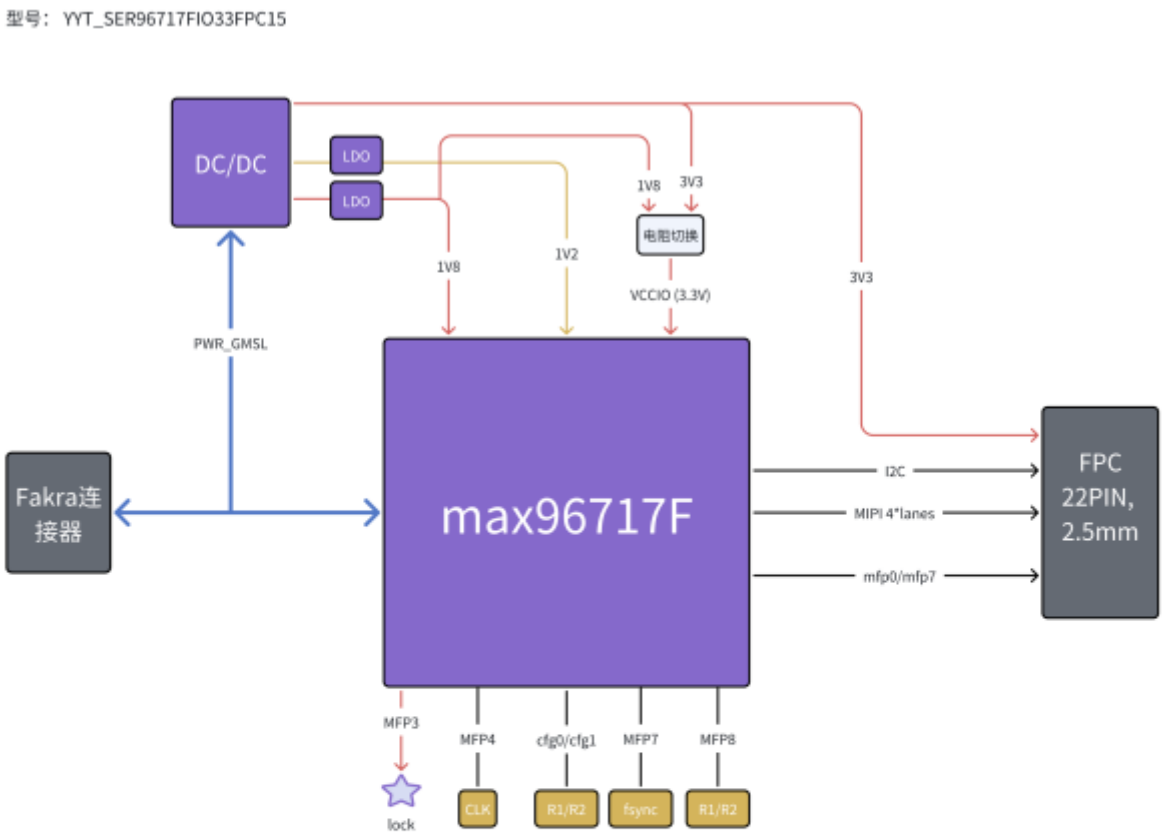
目录

max96717f串化板_树莓派接口 3
- ***系统框图*** 3
- ***主要特点*** 3
- ***电路说明*** 4
- ***FPC接口说明*** 4
- ***使用说明*** 5
- ***3D渲染图*** 5

max96717f串化板_树莓派接口

系统框图

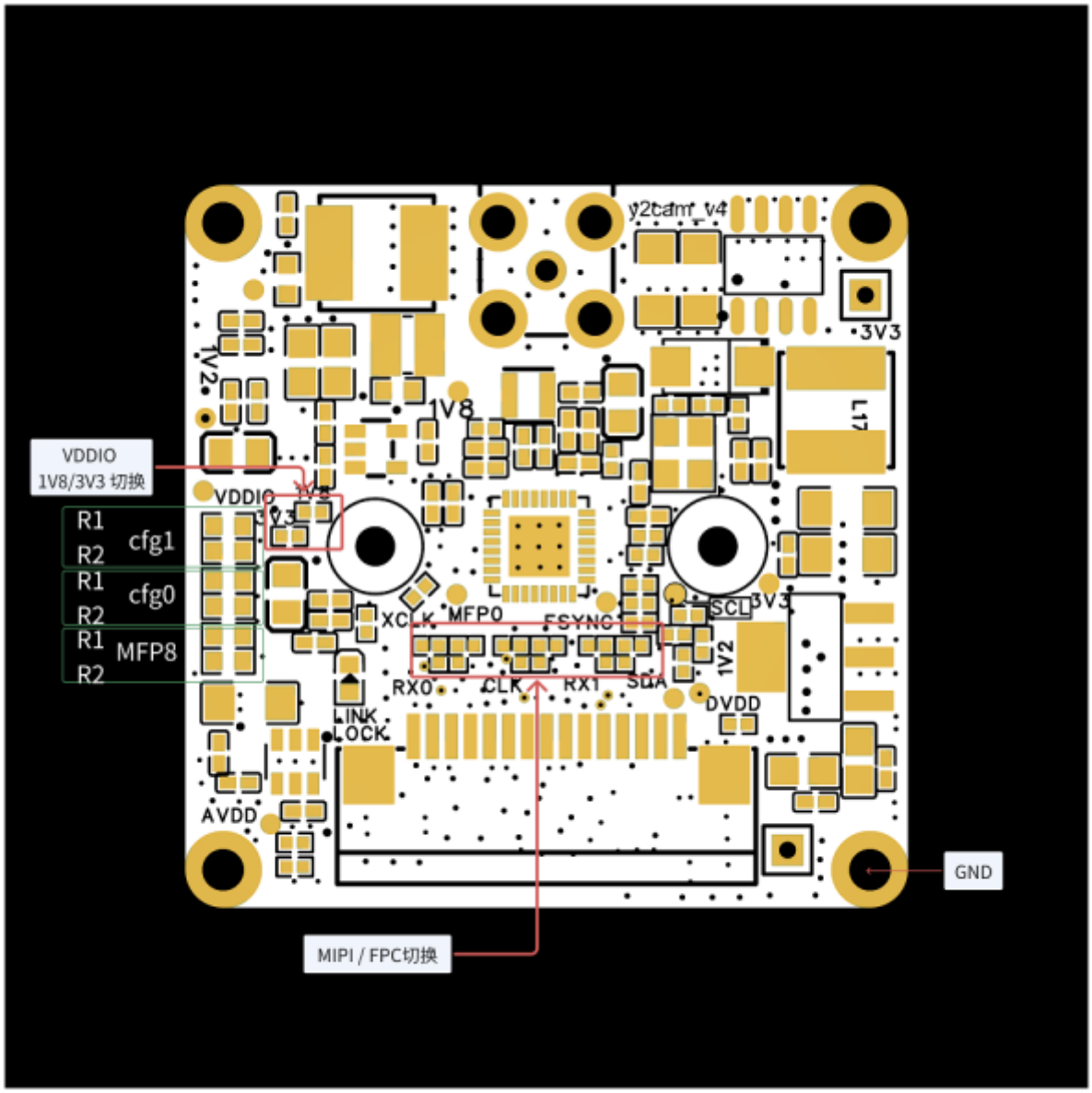


默认配置：
I2C ADDR： 0x80
CLK: XTAL
STP/COAX: coax,
MODE: GMSL2, 3Gbps
VCCIO: 3V3

主要特点

- 15pin标准树莓派ZERO接口
- 预留24pin摄像头OV5640接口（无需其它辅助电路）
- IO口电压3.3V/1.8V可切换（连接OV5640时必须使用1.8V）
- 引出串化器主要GPIO

电路说明



FPC接口说明

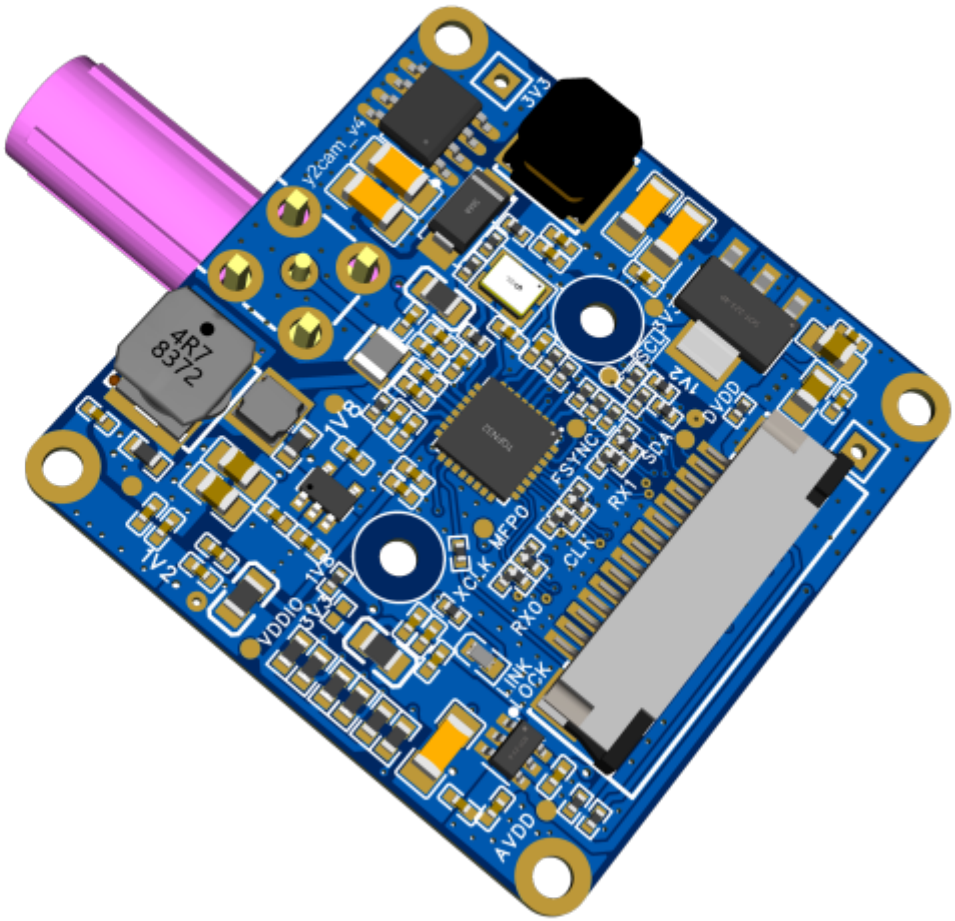
Raspberry Pi Camera Pinout (15-Pin)

Pin #	Name	Description
1	GND	Ground
2	CAM_D0_N	MIPI Data Lane 0 Negative
3	CAM_D0_P	MIPI Data Lane 0 Positive
4	GND	Ground
5	CAM_D1_N	MIPI Data Lane 1 Negative
6	CAM_D1_P	MIPI Data Lane 1 Positive
7	GND	Ground
8	CAM_CK_N	MIPI Clock Lane Negative
9	CAM_CK_P	MIPI Clock Lane Positive
10	GND	Ground
11	CAM_IO0	Power Enable
12	CAM_IO1	LED Indicator
13	CAM_SCL	I2C SCL
14	CAM_SDA	I2C SDA
15	CAM_3V3	3.3V Power Input

使用说明

1. mipi接口默认连接至15pin FPC接口
2. VDDIO为3v3(串化器所有数字接口□FPC的GPIO/I2C接口相同电平)
3. 默认地址□0x80, 默认模式□GMSL2/3Gbps/Pixel mode.

3D渲染图



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