

目录

v1_1版FPC-22pin树莓派zero接口

3

主要特点

3

电路框图

3

PCB布局图

4

FPC接口说明

4

使用说明

5

v1_1版FPC-22pin树莓派zero接口

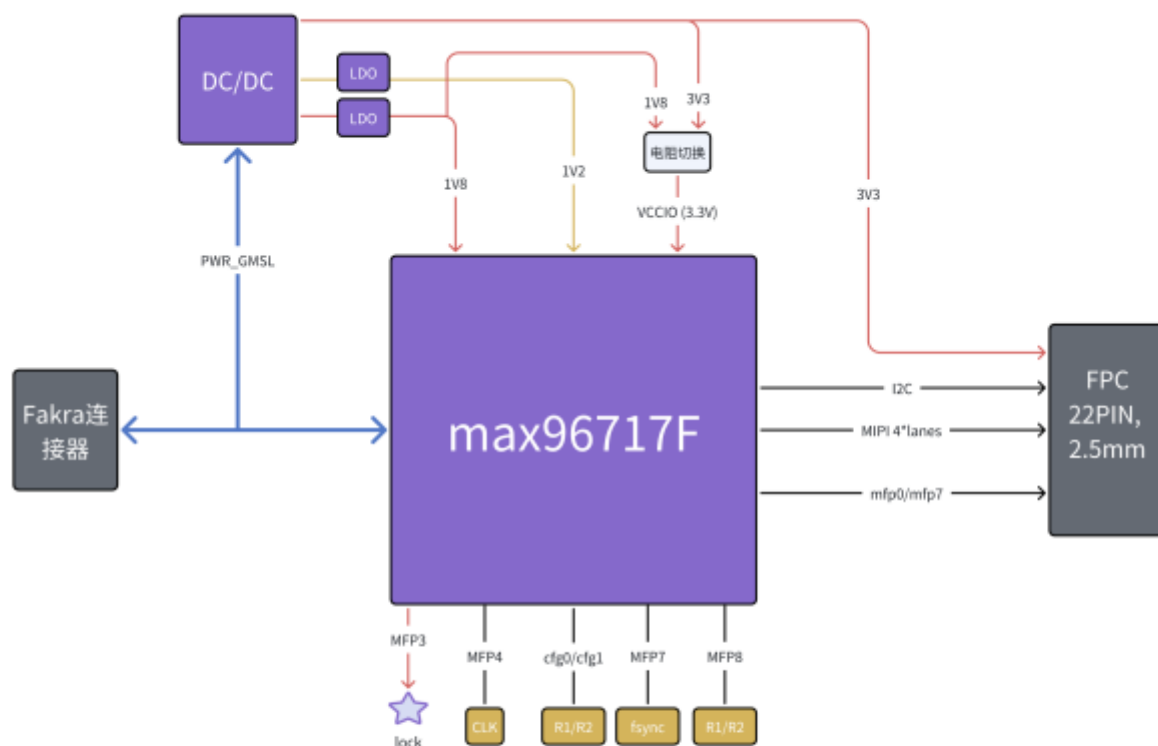
(如有更新, 恕不另行通知) 此文档同样适用于V1.2, V1.3版本。

主要特点

- 22pin标准树莓派ZERO接口
- IO口电压3.3V
- 引出串化器主要GPIO

电路框图

型号: YYT_SER96717FIO33FPC15



默认配置:

I2C ADDR: 0x80

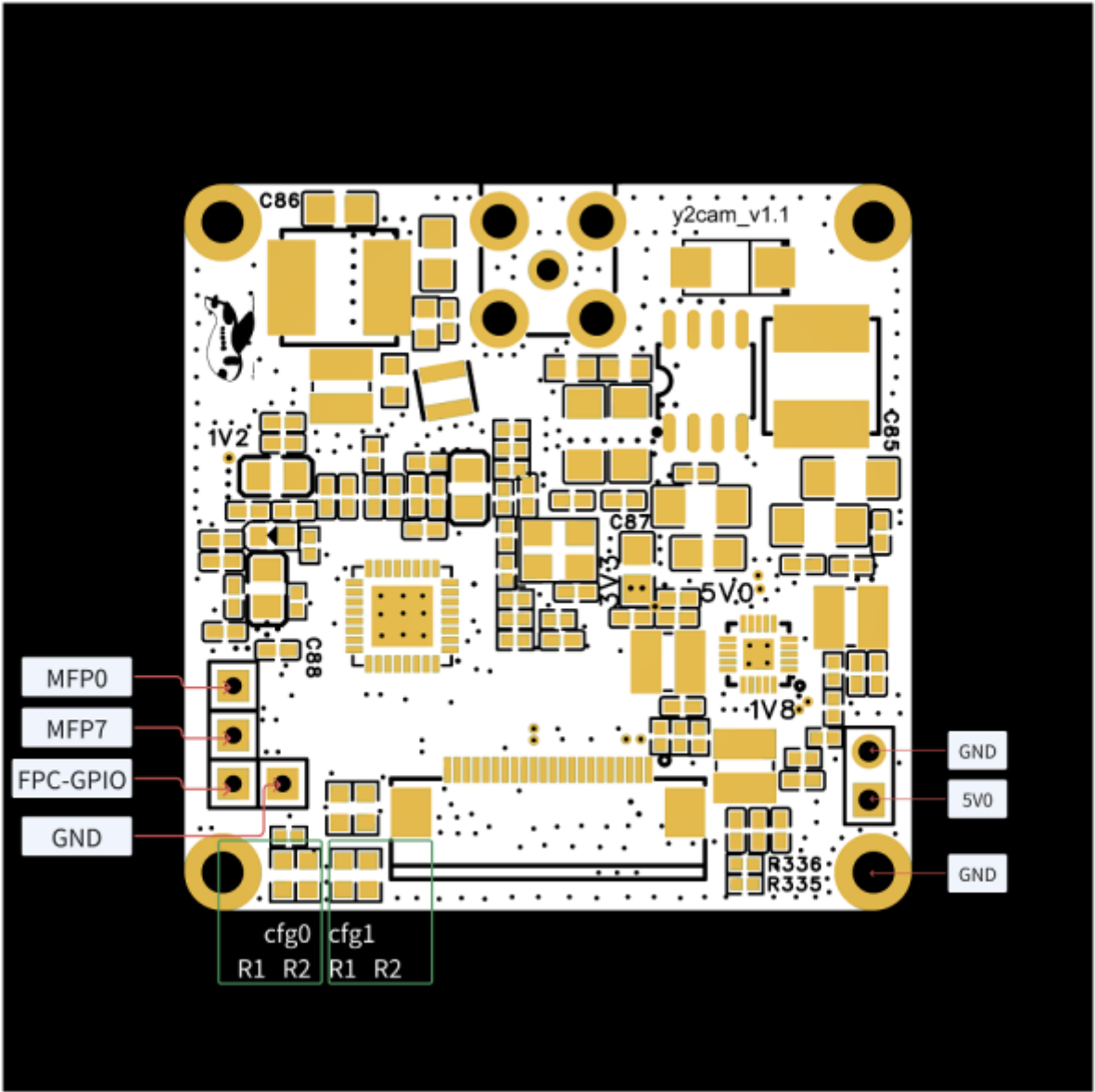
CLK: XTAL

STP/COAX: coax,

MODE: GMSL2, 3Gbps

VCCIO: 3V3

PCB布局图



FPC接口说明

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_CLK_N	MIPI Clock Lane Negative
9	CAM_CLK_P	MIPI Clock Lane Positive
10	GND	Ground
11	CAM_D2_N	MIPI Data Lane 2 Negative
12	CAM_D2_P	MIPI Data Lane 2 Positive
13	GND	Ground
14	CAM_D3_N	MIPI Data Lane 3 Negative
15	CAM_D3_P	MIPI Data Lane 3 Positive
16	GND	Ground
17	CAM_IO0	Power Enable
18	CAM_IO1	LED Indicator
19	GND	Ground
20	SCL	I2C SCL
21	SDA	SCCB serial Interface data IO
22	VCC	3.3V Power Supply

使用说明

1. mipi接口连接FPC接口，无Lane交换，无PN交换
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□GMSL2/6Gbps.

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