

野火_H743挑战者_核心板_原理图_V2.1

目录

Page 1	目录
Page 2	历史版本
Page 3	主电源
Page 4	MCU_GPIO
Page 5	SDRAM/NAND FLASH
Page 6	LCD/KEY/FLASH/E2PROM
Page 7	引出IO

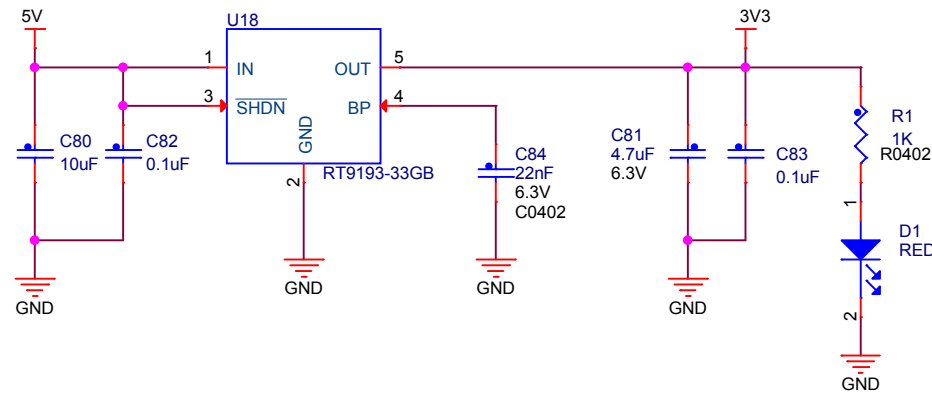
历史版本

版本号	日期	设计	描述
V2.0	2019-03-12	cancore	初始版本
V2.1	2019-04-20	cancore	SDRAM的片选增加上拉

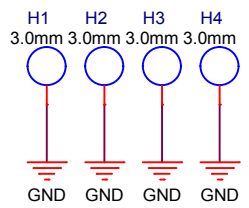
5V供电过流保护



5V转3.3V

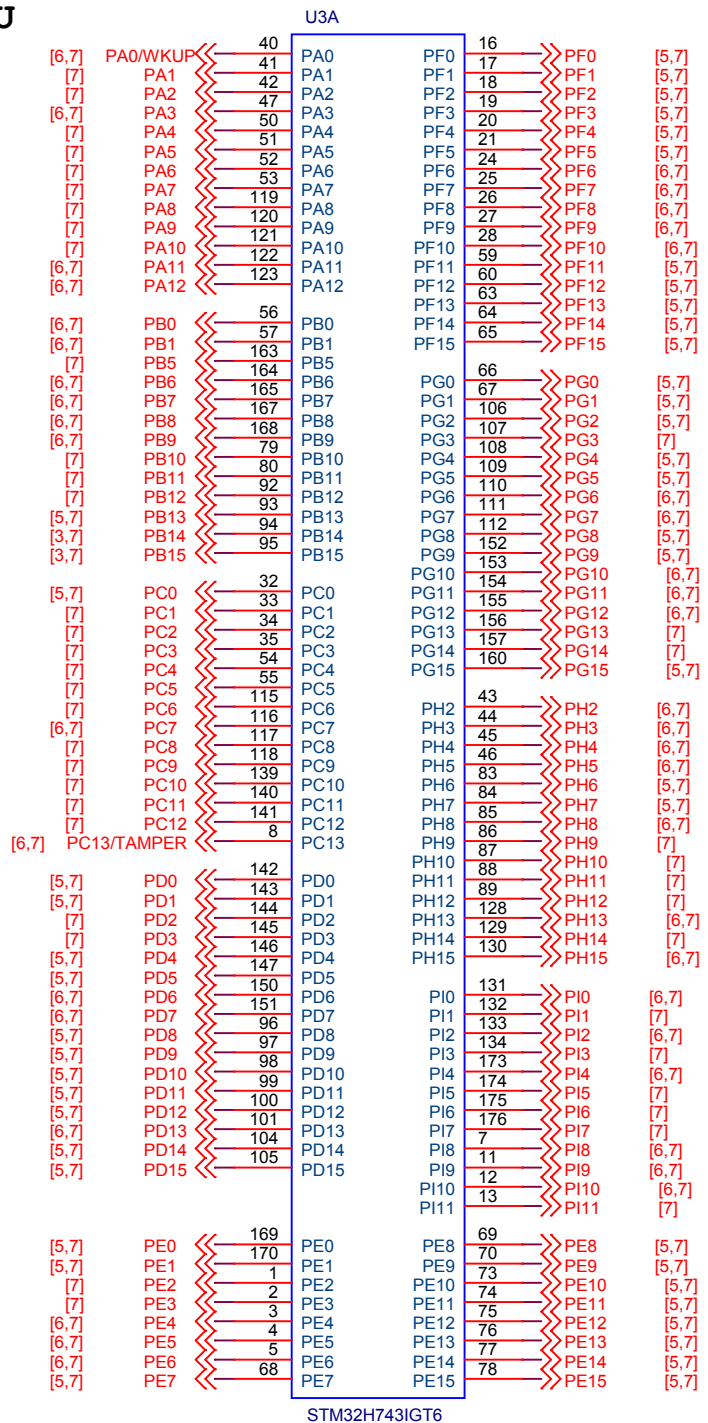


定位孔

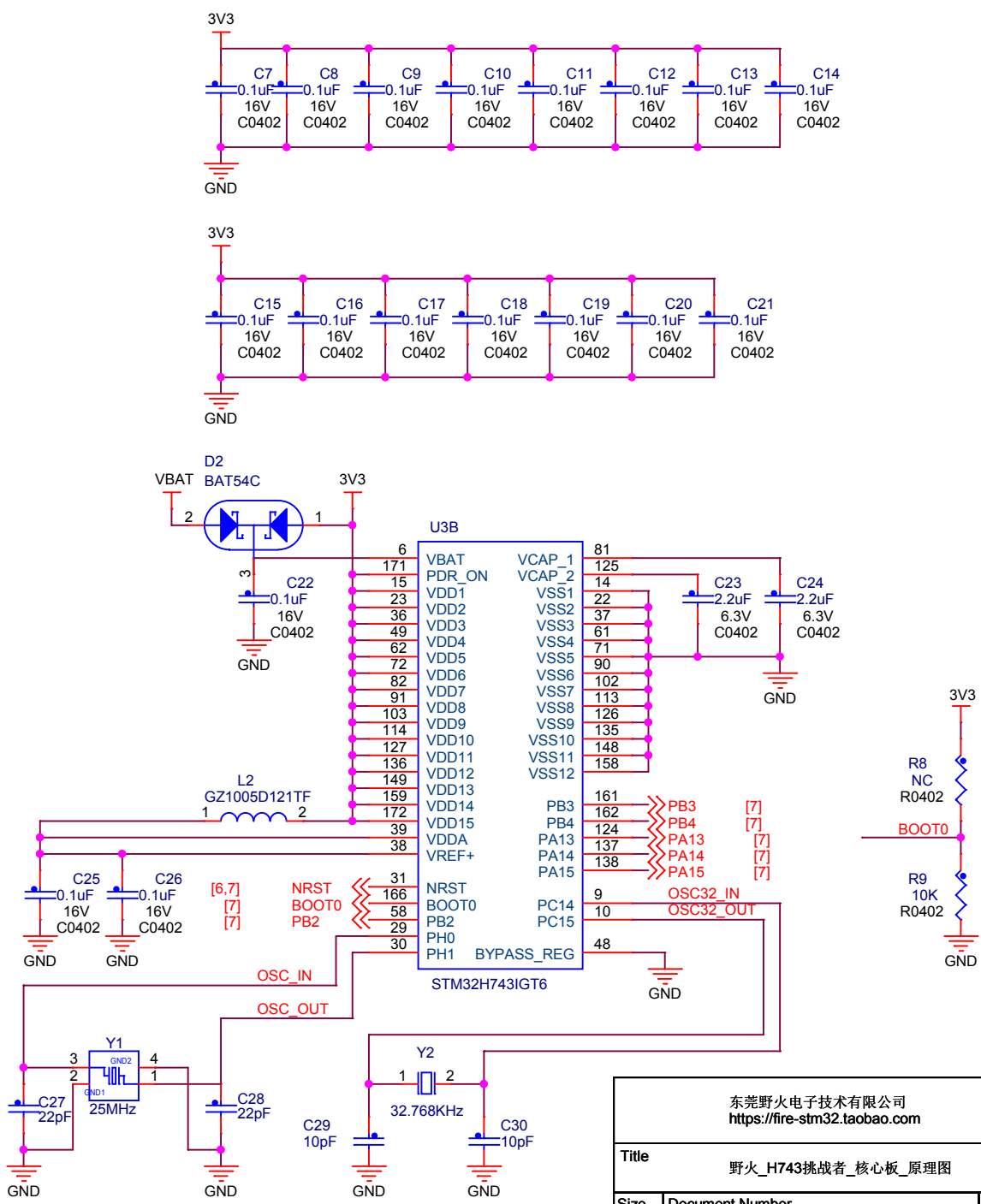


东莞野火电子有限公司 https://fire-stm32.taobao.com		
Title 野火_H743挑战者_核心板_原理图		
Size A4	Document Number 主电源	Rev V2.1
Date: Friday, April 26, 2019		Sheet 3 of 7

MCU

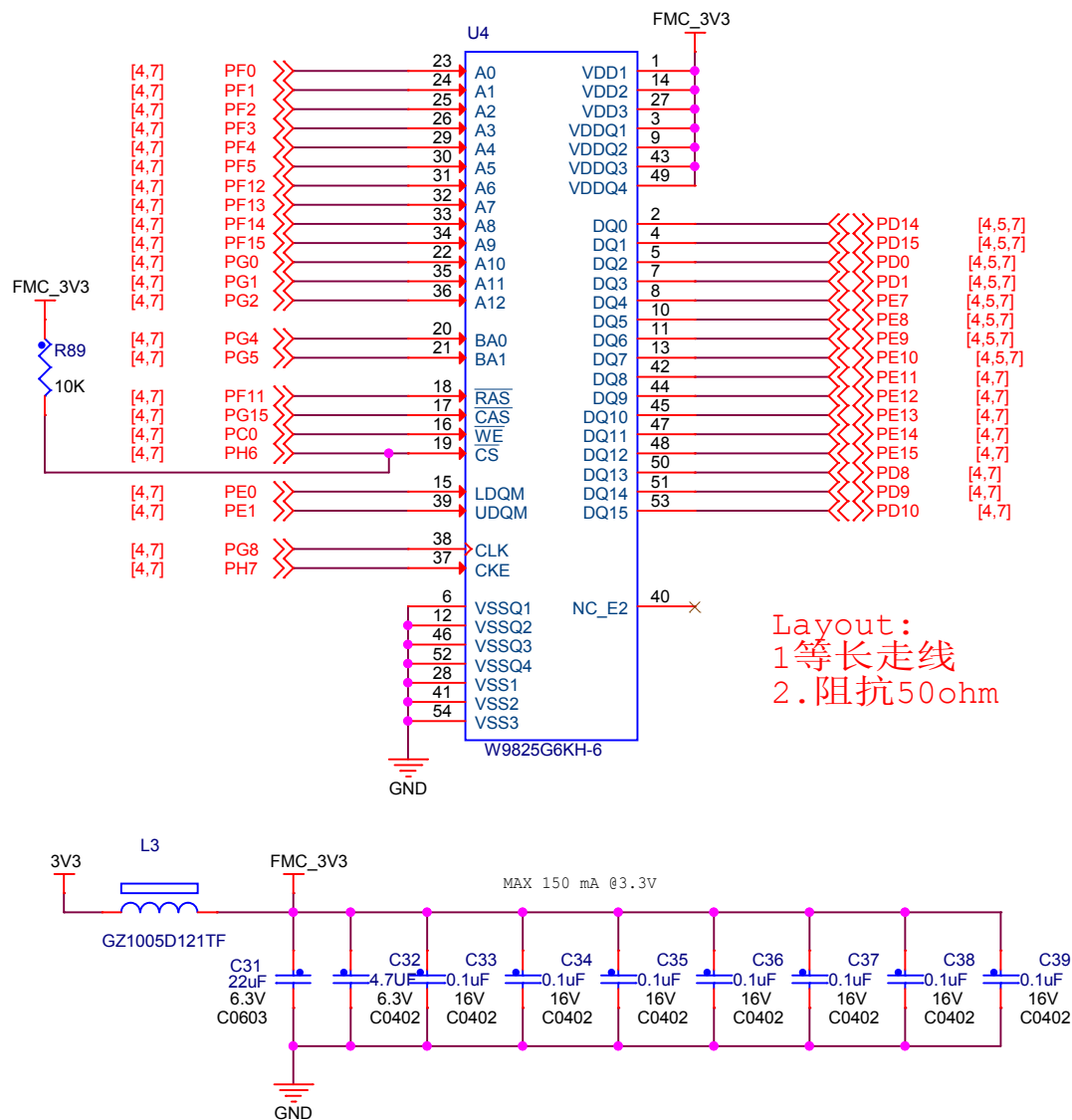


STM32H743IGT6

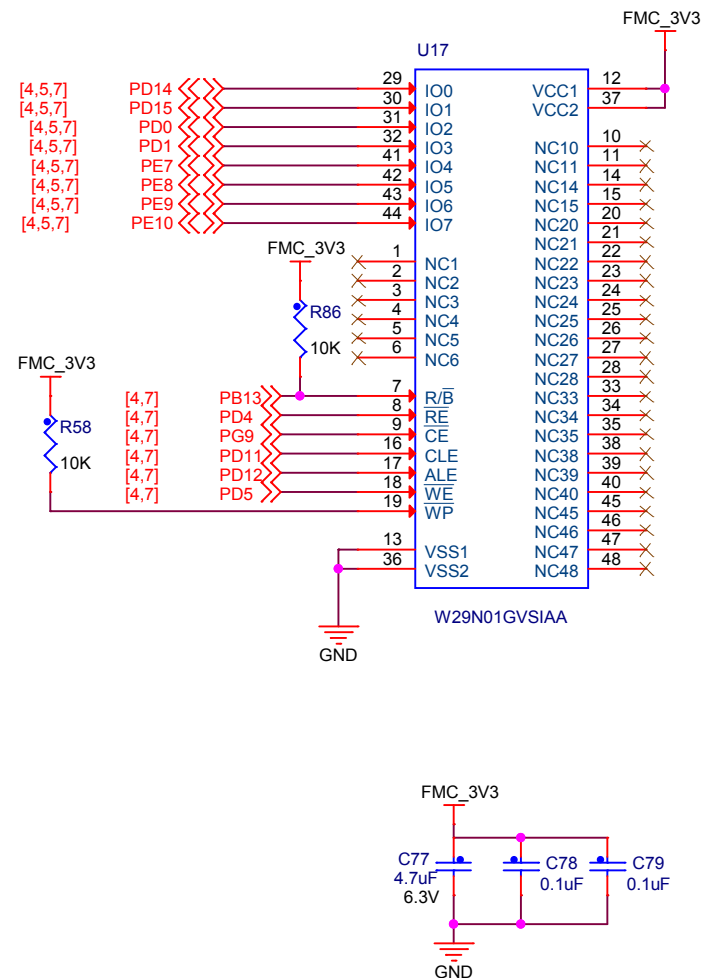


东莞野火电子科技有限公司 https://fire-stm32.taobao.com		
Title 野火_H743挑战者_核心板_原理图		
Size A4	Document Number MCU_GPIO	Rev V2.1
Date: Friday, April 26, 2019		Sheet 4 of 7

SDRAM

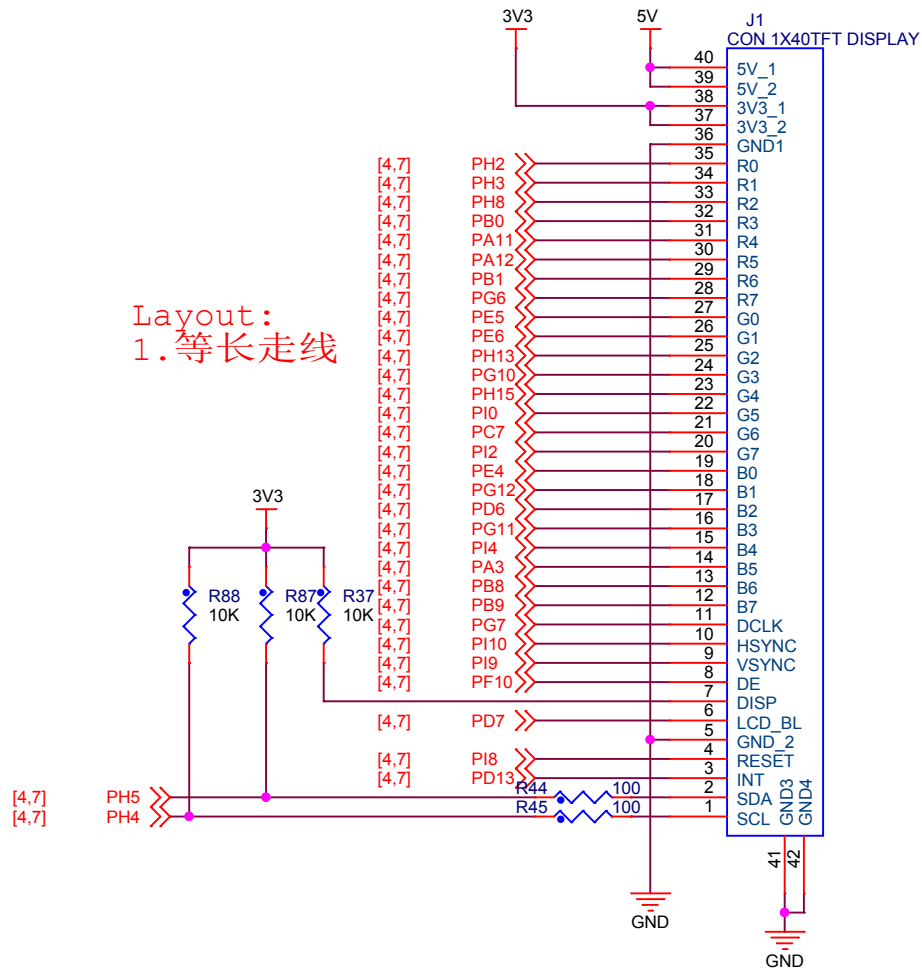


NAND FLASH

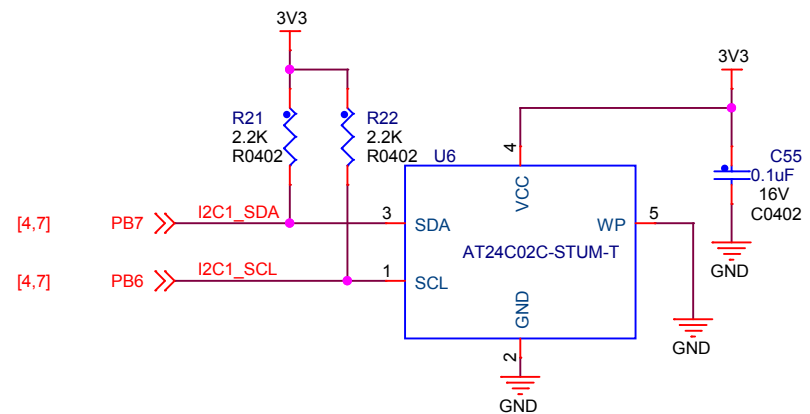


东莞野火电子有限公司 https://fire-stm32.taobao.com		
Title 野火_H743挑战者_核心板_原理图		
Size A4	Document Number SDRAM/NAND FLASH	Rev V2.1
Date: Friday, April 26, 2019	Sheet 5 of 7	

LCD RGB888

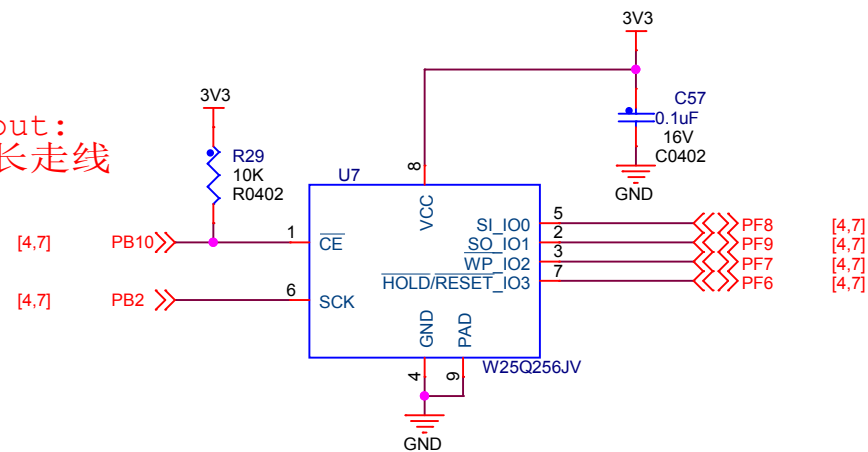


EEPROM

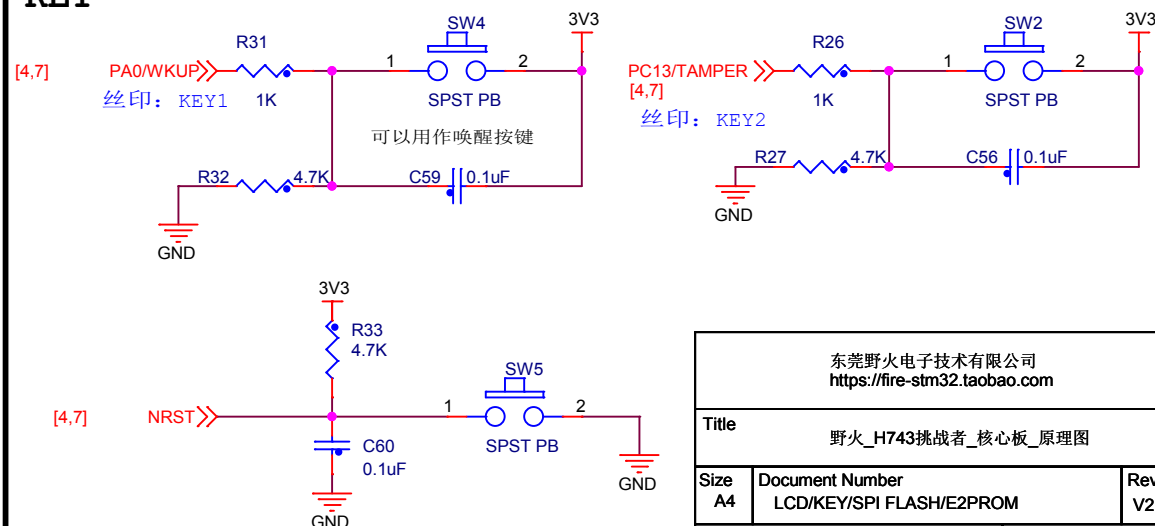


SPI FLASH

Layout:
1 等长走线

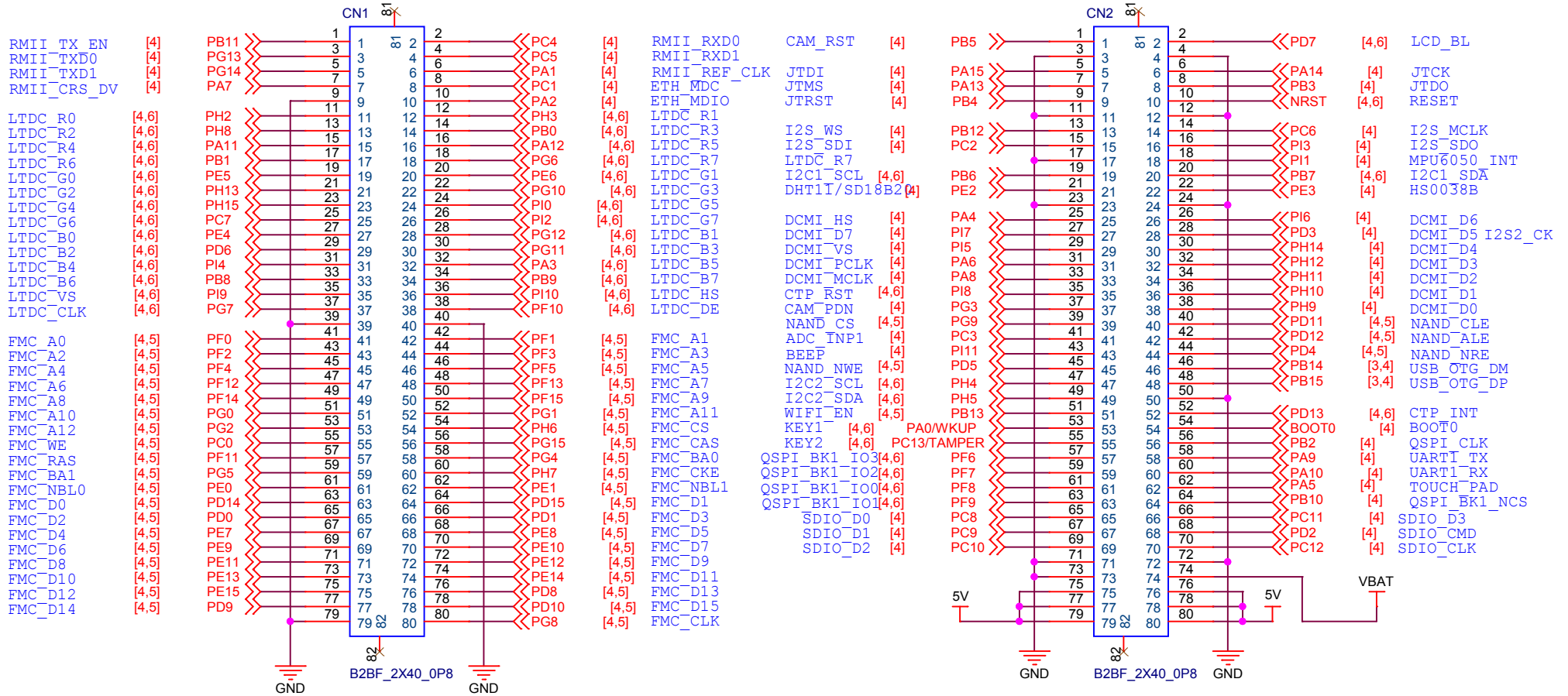


KEY

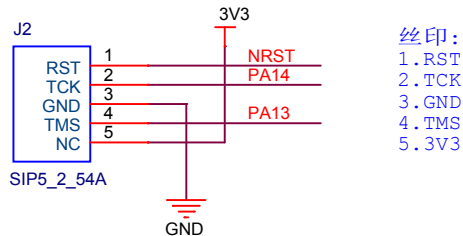


东莞野火电子有限公司 https://fire-stm32.taobao.com		
Title 野火_H743挑战者_核心板_原理图		
Size A4	Document Number LCD/KEY/SPI FLASH/E2PROM	Rev V2.1
Date: Friday, April 26, 2019	Sheet 6 of 7	

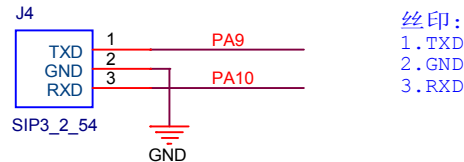
连接器



JTAG



串口



东莞野火电子技术有限公司
<https://fire-stm32.taobao.com>

Title 野火_H743挑战者_核心板_原理图

Size A4	Document Number B2B IO	Rev V2.1
---------	------------------------	----------

Date: Friday, April 26, 2019	Sheet 7 of 7
------------------------------	--------------