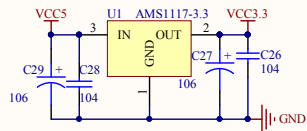
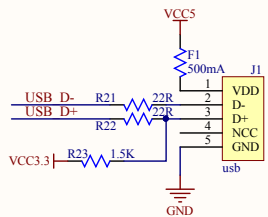


系统供电稳压

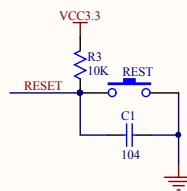


STM32F405RGT6核心板 (标准版)
嵌入式开发网精品店
mcudev.taobao.com 大越电子出品

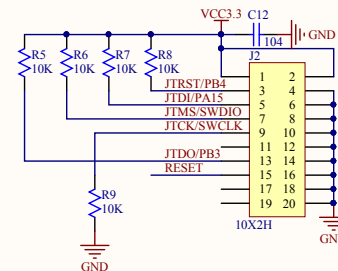
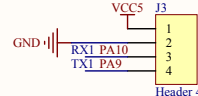
USB 供电接口 (STM32 USB Slave)



复位-按键

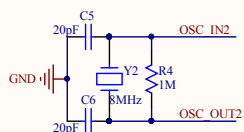
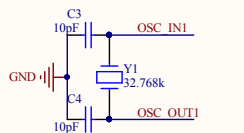


串口1接口 (TTL)

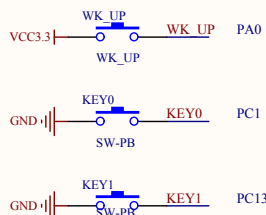


用SWD模式接:
1 针: VCC3.3V
7 针: SWDIO
9 针: SWCLK
10 针: GND

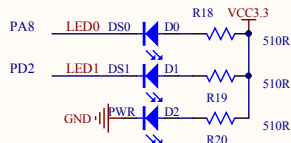
JTAG/SWD调试编程接口



高频和低频晶振



按键



LED灯

STM32--CPU

STM32F405RGT6

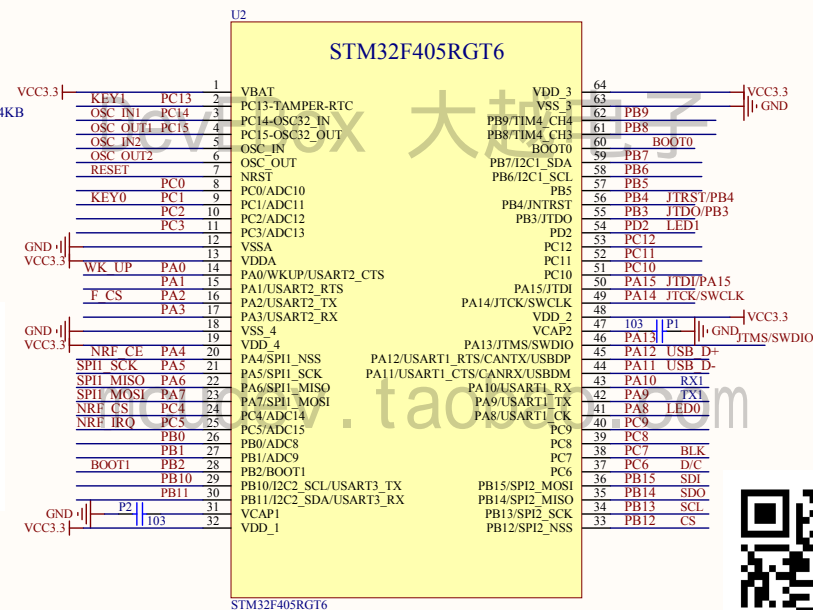
RAM内存容量: 192K

FLASH程序存储器容量: 1024KB

Core内核: Cortex-M4

CPU主频速度: 168MHz

引脚封装: 64-LQFP



STM32F405RGT6核心板 (标准版)

DevEBox大越电子

嵌入式开发网精品店

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通用I/O接口

BOOT0	BOOT1	启动方式
0	无关	用户闪存
1	0	ISP下载模式
1	1	内部RAM

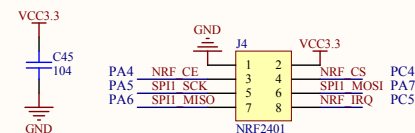
STM32工作模式:
已通过R11和R12接地置零

STM32F405RGT6核心板 (标准版)

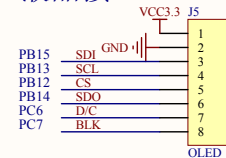
嵌入式开发网精品店 mcudev.taobao.com 出品

nRF24L01无线通信模块接口

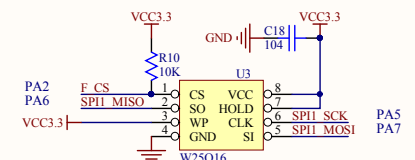
(可扩展其他SPI接口的无线模块)



OLED/TFT液晶接口

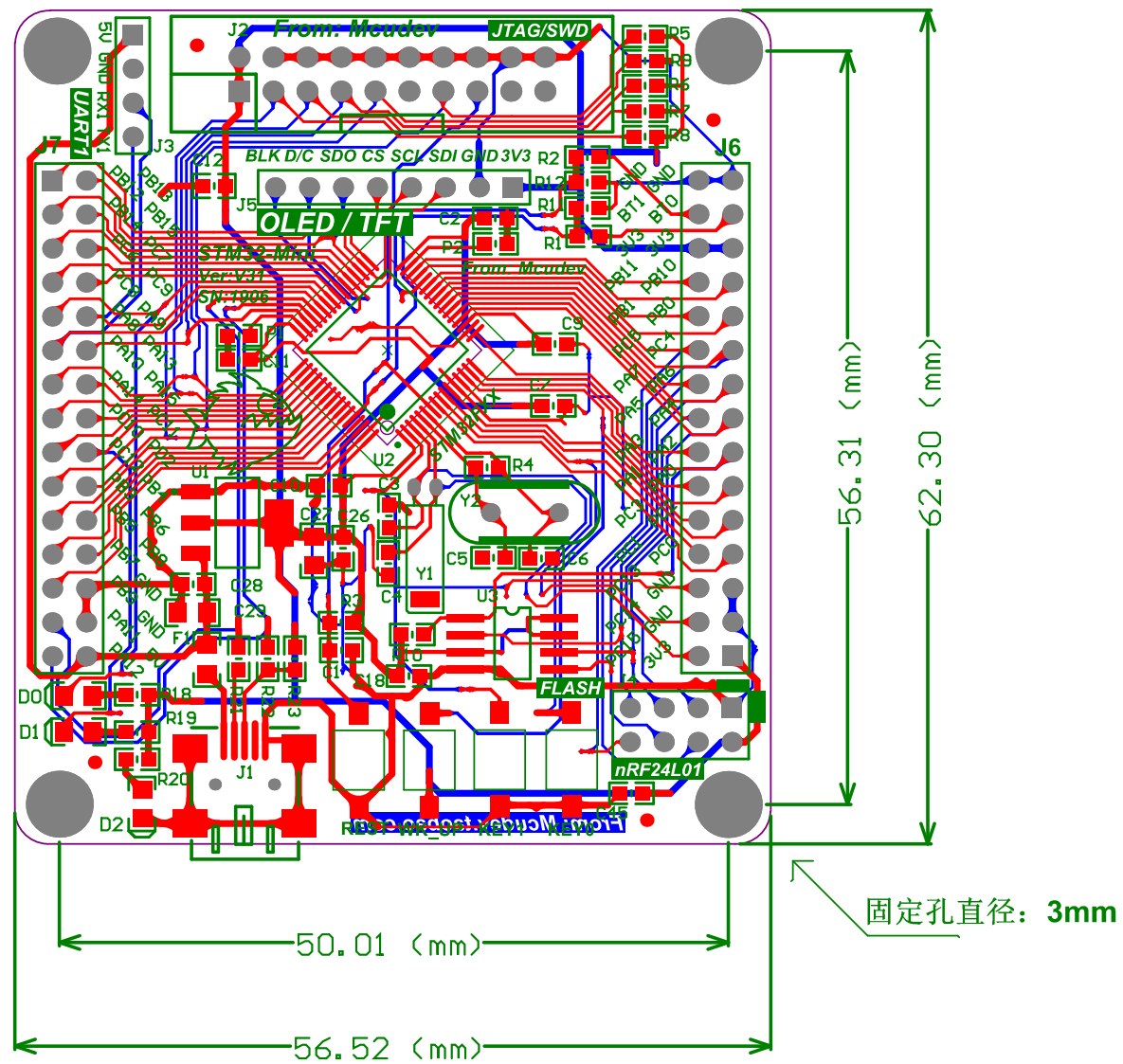


可以接本店: 0.96寸OLED液晶屏 1.44寸TFT液晶屏
1.8寸TFT液晶屏 2.4寸TFT液晶屏
2.8寸TFT液晶屏
还有其他规格, 欢迎到店咨询
店铺: mcudev.taobao.com



FLASH数据存储

Title	STM32F405RGT6核心板 (标准版)		
Size	Number	Revision	
A3		mcudev.taobao.com 出品	
Date:	2019-7-27	Sheet of	
File:	Z:\VMDOC\STM32F405RG.SchDoc	Drawn By:	



Designator	Footprint	Quantity	Comment
C1, C12	0603C	2	104
C2, C7, C9, C10, C11, C18, C26, C28, C45	0603J	9	104
C3, C4	0603J	2	10pF
C5, C6	0603J	2	20pF
C27, C29	RC0805	2	106
D0	LED0805	1	DS0
D1	LED0805	1	DS1
D2	LED0805	1	PWR
F1	RC0805	1	500mA
J1	mini_USB	1	usb
J2	IDC20	1	10X2H
J3	HDR1X4	1	Header 4
J4	HDR2X4	1	NRF2401
J5	HDR1X8	1	OLED
J6, J7	IDE15X2_2.54	2	Header 15X2
KEY0, KEY1	SW-SPST	2	SW-PB
P1, P2	0603J	2	103
R1, R2, R18, R19, R20	0603J	5	510R
R3, R5, R6, R7, R8, R9, R10, R11, R12	0603J	9	10K
R4	0603J	1	1M
R21, R22	0603J	2	22R
R23	0603J	1	1.5K
REST	SW-SPST	1	
U1	SOT223	1	AMS1117-3.3
U2	LQFP64	1	STM32F405RGT6
U3	SOIC8P	1	W25Q16
WK_UP	SW-SPST	1	WK_UP
Y1	32.768k	1	32.768k
Y2	JZ49S	1	8MHz