

# STM32F407VET6

U1  
STM32F407VET6

PA0 23 PA0-WKUP  
PA1 24 PA1  
PA2 25 PA2  
PA3 26 PA3  
PA4 29 PA4  
PA5 30 PA5  
PA6 31 PA6  
PA7 32 PA7  
PA8 67 PA8  
PA9 68 PA9  
PA10 69 PA10  
PA11 70 PA11  
PA12 71 PA12  
PA13 72 PA13  
PA14 76 PA14  
PA15 77 PA15

PB0 35 PB0  
PB1 36 PB1  
BOOT1 37 PB2  
PB3 89 PB3  
PB4 90 PB4  
PB5 91 PB5  
PB6 92 PB6  
PB7 93 PB7  
PB8 95 PB8  
PB9 96 PB9  
PB10 47 PB10  
PB11 48 PB11  
PB12 51 PB12  
PB13 52 PB13  
PB14 53 PB14  
PB15 54 PB15

3V3 6 VBAT  
OSCIN 12 OSC\_IN  
OSCOUT 13 OSC\_OUT  
NRST 14 NRST  
VSSA 19 VSSA  
VREF- 20 VREF-  
VREF+ 21 VREF+  
VDDA 22 VDDA  
BOOT0 94 BOOT0  
73 NC

VDD 11  
VDD 28  
VDD 50  
VDD 75  
VDD 100

VSS 10  
VSS 27  
VSS 49  
VSS 74  
VSS 99

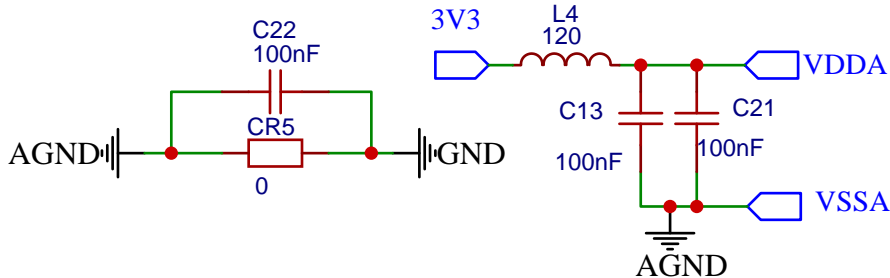
GND  
CR4 2.2uf

PC13-TAMPER-RTC  
PC14-OSC32K\_IN  
PC15-OSC32K\_OUT

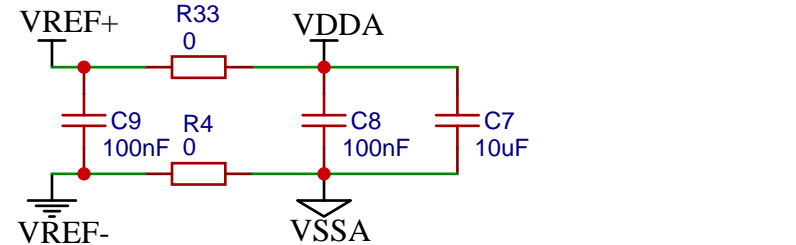
PC0 15 PC0  
PC1 16 PC1  
PC2 17 PC2  
PC3 18 PC3  
PC4 33 PC4  
PC5 34 PC5  
PC6 63 PC6  
PC7 64 PC7  
PC8 65 PC8  
PC9 66 PC9  
PC10 78 PC10  
PC11 79 PC11  
PC12 80 PC12

PD0 81 PD0  
PD1 82 PD1  
PD2 83 PD2  
PD3 84 PD3  
PD4 85 PD4  
PD5 86 PD5  
PD6 87 PD6  
PD7 88 PD7  
PD8 55 PD8  
PD9 56 PD9  
PD10 57 PD10  
PD11 58 PD11  
PD12 59 PD12  
PD13 60 PD13  
PD14 61 PD14  
PD15 62 PD15

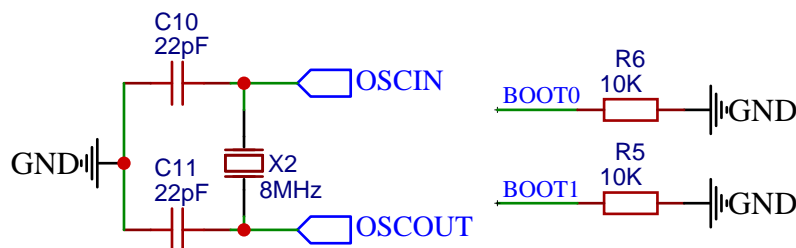
PE0 97 PE0  
PE1 98 PE1  
PE2 1 PE2  
PE3 2 PE3  
PE4 3 PE4  
PE5 4 PE5  
PE6 5 PE6  
PE7 38 PE7  
PE8 39 PE8  
PE9 40 PE9  
PE10 41 PE10  
PE11 42 PE11  
PE12 43 PE12  
PE13 44 PE13  
PE14 45 PE14  
PE15 46 PE15



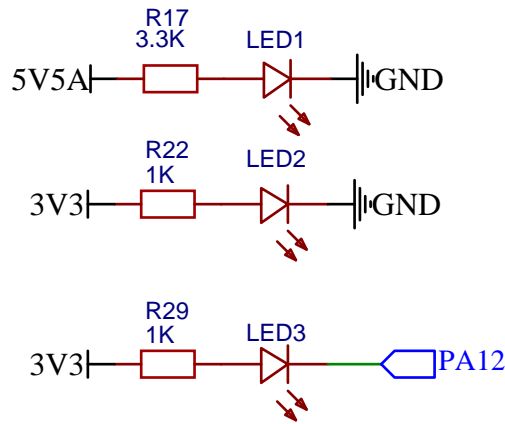
VET6 外围电路



晶振电路

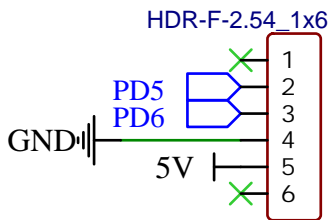


电源指示灯



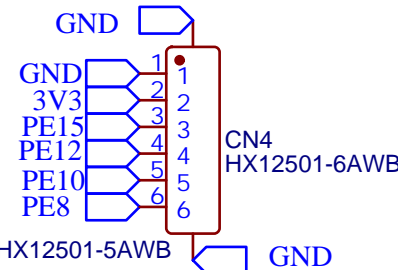
OLED显示屏

蓝牙模块接口

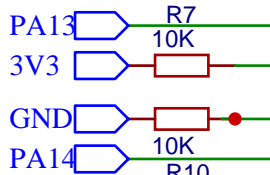


CCD/ELE巡线接口

PS2手柄接口



预留io接口



SWD下载

TITLE:

STM32F407VET6

REV: 1.0

立创EDA

Company: WHEELTEC

Sheet: 1/1

Date: 2022-05-05

Drawn By: zhang

