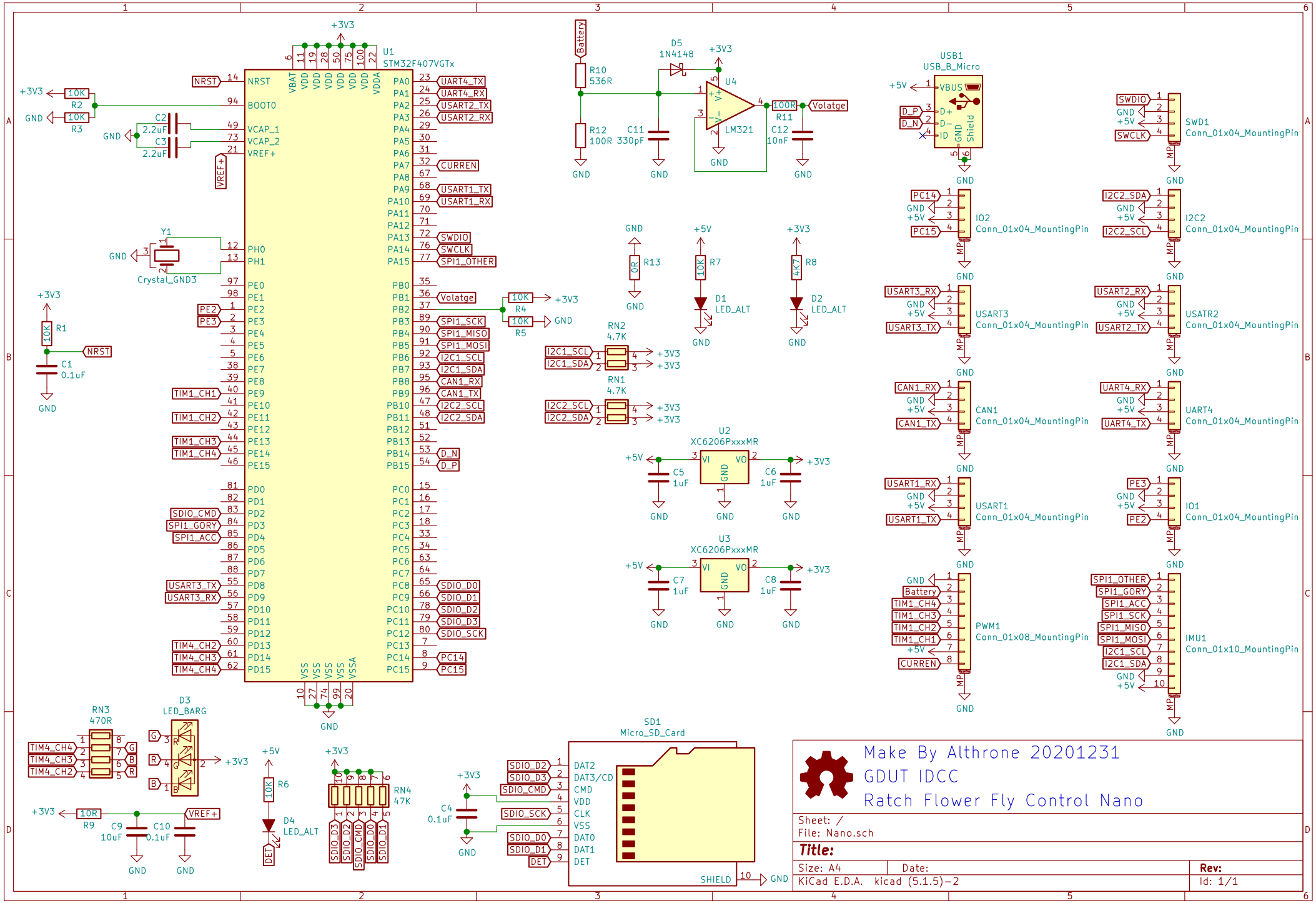
U1
STM32F407VGTx
+3V3
NRST
BOOT0
VCAP_1
VCAP_2
VREF+
VBAT
VDD
VDDA
VSS
VSSA
PH0
PH1
PE0
PE1
PE2
PE3
PE4
PE5
PE6
PE7
PE8
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PE15
PD0
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PD15
PA0
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PC11
PC12
PC13
PC14
PC15
UART4_TX
UART4_RX
USART2_TX
USART2_RX
CURREN
USART1_TX
USART1_RX
SWDIO
SWCLK
SPI1_OTHER
Volatge
SPI1_SCK
SPI1_MISO
SPI1_MOSI
I2C1_SCL
I2C1_SDA
CAN1_RX
CAN1_TX
I2C2_SCL
I2C2_SDA
D_N
D_P
TIM1_CH1
TIM1_CH2
TIM1_CH3
TIM1_CH4
SDIO_CMD
SPI1_GORY
SPI1_ACC
USART3_TX
USART3_RX
TIM4_CH2
TIM4_CH3
TIM4_CH4
SDIO_D0
SDIO_D1
SDIO_D2
SDIO_D3
SDIO_SCK
R2 10K
R3 10K
C2 2.2uF
C3 2.2uF
Y1
Crystal_GND3
R1 10K
C1 0.1uF
R4 10K
R5 10K
Battery
R10 536R
R12 100R
C11 330pF
D5 1N4148
U4
LM321
R11 100R
C12 10nF
USB1
USB_B_Micro
VBUS
D+
D-
ID
GND
Shield
R13 0R
R7 10K
D1 LED_ALT
R8 4K7
D2 LED_ALT
RN2 4.7K
RN1 4.7K
U2
XC6206PxxxMR
C5 1uF
C6 1uF
U3
XC6206PxxxMR
C7 1uF
C8 1uF
SWD1
Conn_01x04_MountingPin
IO2
I2C2
USART3
USATR2
CAN1
UART4
USART1
IO1
PWM1
Conn_01x08_MountingPin
IMU1
Conn_01x10_MountingPin
RN3 470R
D3 LED_BARG
R9 10R
C9 10uF
C10 0.1uF
R6 10K
D4 LED_ALT
RN4 47K
C4 0.1uF
SD1
Micro_SD_Card
DAT2
DAT3/CD
CMD
VDD
CLK
VSS
DAT0
DAT1
DET
SHIELD
Make By Althrone 20201231
GDUT IDCC
Ratch Flower Fly Control Nano
Sheet: /
File: Nano.sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. kicad (5.1.5)-2
Id: 1/1