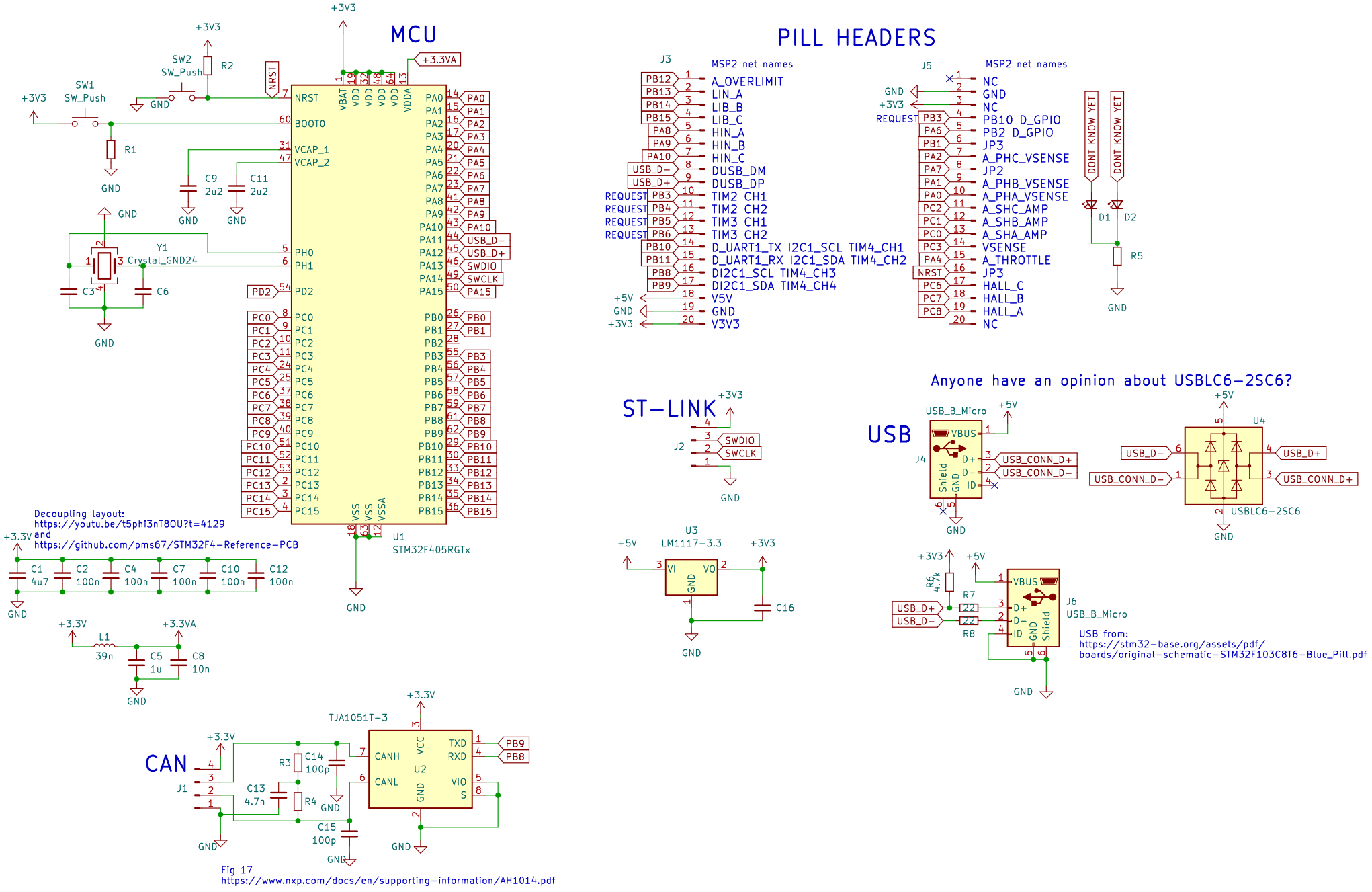
MCU
PILL HEADERS
ST-LINK
USB
CAN
Anyone have an opinion about USBLC6-2SC6?
Decoupling layout:
https://youtu.be/t5phi3nT8OU?t=4129
and
https://github.com/pms67/STM32F4-Reference-PCB
U1
STM32F405RGTx
J3
MSP2 net names
A_OVERLIMIT
LIN_A
LIB_B
LIB_C
HIN_A
HIN_B
HIN_C
DUSB_DM
DUSB_DP
TIM2 CH1
TIM2 CH2
TIM3 CH1
TIM3 CH2
D_UART1_TX I2C1_SCL TIM4_CH1
D_UART1_RX I2C1_SDA TIM4_CH2
DI2C1_SCL TIM4_CH3
DI2C1_SDA TIM4_CH4
V5V
V3V3
J5
MSP2 net names
NC
PB10 D_GPIO
PB2 D_GPIO
JP3
A_PHC_VSENSE
JP2
A_PHB_VSENSE
A_PHA_VSENSE
A_SHC_AMP
A_SHB_AMP
A_SHA_AMP
VSENSE
A_THROTTLE
JP3
HALL_C
HALL_B
HALL_A
DONT KNOW YET
DONT KNOW YET
U3
LM1117-3.3
U4
USBLC6-2SC6
J6
USB_B_Micro
USB from:
https://stm32-base.org/assets/pdf/boards/original-schematic-STM32F103C8T6-Blue_Pill.pdf
TJA1051T-3
U2
Fig 17
https://www.nxp.com/docs/en/supporting-information/AH1014.pdf