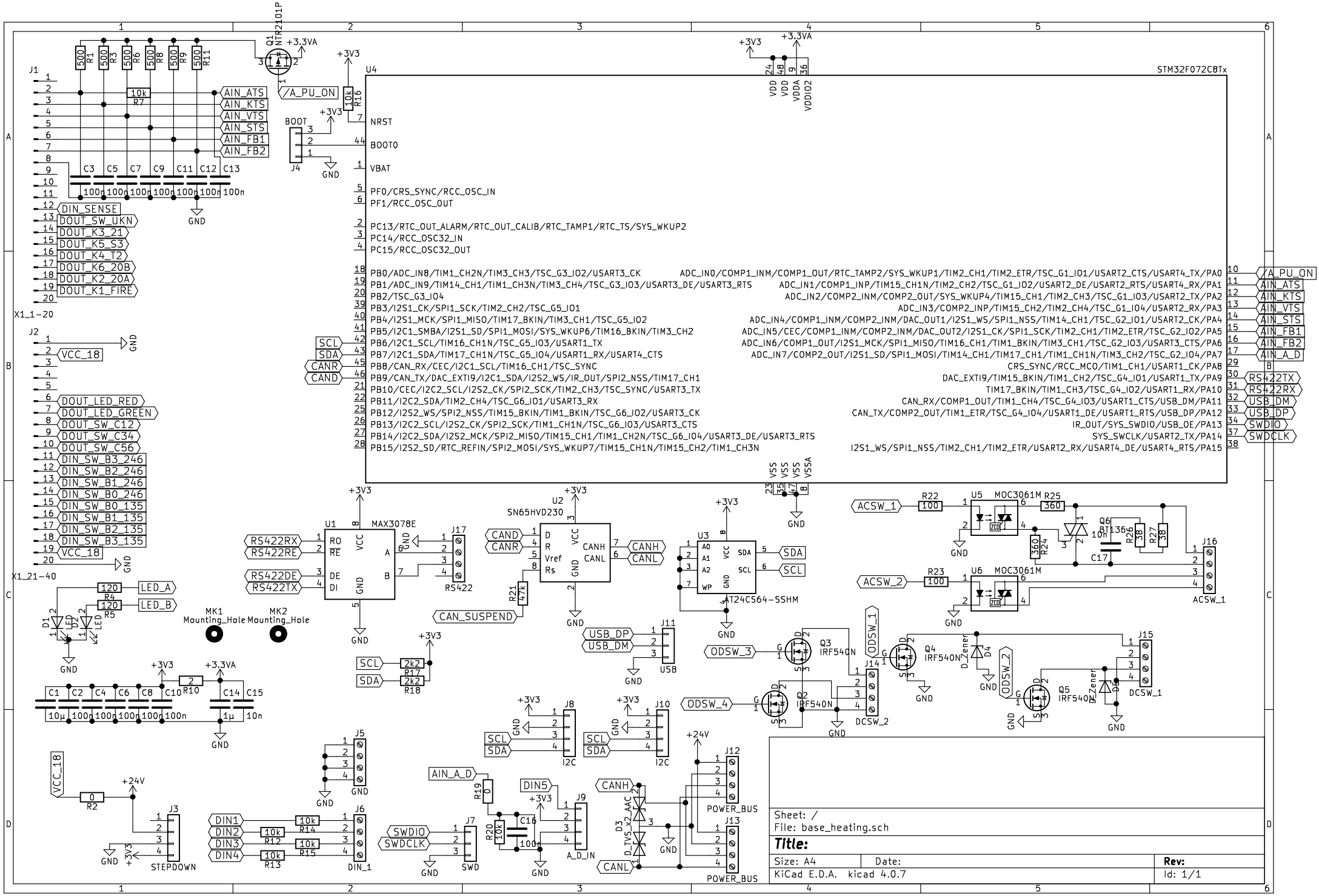
STM32F072C8Tx
U4
NRST
BOOT0
VBAT
PF0/CRS_SYNC/RCC_OSC_IN
PF1/RCC_OSC_OUT
PC13/RTC_OUT_ALARM/RTC_OUT_CALIB/RTC_TAMP1/RTC_TS/SYS_WKUP2
PC14/RCC_OSC32_IN
PC15/RCC_OSC32_OUT
PB0/ADC_IN8/TIM1_CH2N/TIM3_CH3/TSC_G3_IO2/USART3_CK
PB1/ADC_IN9/TIM14_CH1/TIM1_CH3N/TIM3_CH4/TSC_G3_IO3/USART3_DE/USART3_RTS
PB2/TSC_G3_IO4
PB3/I2S1_CK/SPI1_SCK/TIM2_CH2/TSC_G5_IO1
PB4/I2S1_MCK/SPI1_MISO/TIM17_BKIN/TIM3_CH1/TSC_G5_IO2
PB5/I2C1_SMBA/I2S1_SD/SPI1_MOSI/SYS_WKUP6/TIM16_BKIN/TIM3_CH2
PB6/I2C1_SCL/TIM16_CH1N/TSC_G5_IO3/USART1_TX
PB7/I2C1_SDA/TIM17_CH1N/TSC_G5_IO4/USART1_RX/USART4_CTS
PB8/CAN_RX/CEC/I2C1_SCL/TIM16_CH1/TSC_SYNC
PB9/CAN_TX/DAC_EXTI9/I2C1_SDA/I2S2_WS/IR_OUT/SPI2_NSS/TIM17_CH1
PB10/CEC/I2C2_SCL/I2S2_CK/SPI2_SCK/TIM2_CH3/TSC_SYNC/USART3_TX
PB11/I2C2_SDA/TIM2_CH4/TSC_G6_IO1/USART3_RX
PB12/I2S2_WS/SPI2_NSS/TIM15_BKIN/TIM1_BKIN/TSC_G6_IO2/USART3_CK
PB13/I2C2_SCL/I2S2_CK/SPI2_SCK/TIM1_CH1N/TSC_G6_IO3/USART3_CTS
PB14/I2C2_SDA/I2S2_MISO/TIM15_CH1/TIM1_CH2N/TSC_G6_IO4/USART3_DE/USART3_RTS
PB15/I2S2_SD/RTC_REFIN/SPI2_MOSI/SYS_WKUP7/TIM15_CH1N/TIM15_CH2/TIM1_CH3N
ADC_IN0/COMP1_INM/COMP1_OUT/RTC_TAMP2/SYS_WKUP1/TIM2_CH1/TIM2_ETR/TSC_G1_IO1/USART2_CTS/USART4_TX/PA0
ADC_IN1/COMP1_INP/TIM15_CH1N/TIM2_CH2/TSC_G1_IO2/USART2_DE/USART2_RTS/USART4_RX/PA1
ADC_IN2/COMP2_INM/COMP2_OUT/SYS_WKUP4/TIM15_CH1/TIM2_CH3/TSC_G1_IO3/USART2_TX/PA2
ADC_IN3/COMP2_INP/TIM15_CH2/TIM2_CH4/TSC_G1_IO4/USART2_RX/PA3
ADC_IN4/COMP1_INM/COMP2_INM/DAC_OUT1/I2S1_WS/SPI1_NSS/TIM14_CH1/TSC_G2_IO1/USART2_CK/PA4
ADC_IN5/CEC/COMP1_INM/COMP2_INM/DAC_OUT2/I2S1_CK/SPI1_SCK/TIM2_CH1/TIM2_ETR/TSC_G2_IO2/PA5
ADC_IN6/COMP1_OUT/I2S1_MCK/SPI1_MISO/TIM16_CH1/TIM1_BKIN/TIM3_CH1/TSC_G2_IO3/USART3_CTS/PA6
ADC_IN7/COMP2_OUT/I2S1_SD/SPI1_MOSI/TIM14_CH1/TIM17_CH1/TIM1_CH1N/TIM3_CH2/TSC_G2_IO4/PA7
CRS_SYNC/RCC_MCO/TIM1_CH1/USART1_CK/PA8
DAC_EXTI9/TIM15_BKIN/TIM1_CH2/TSC_G4_IO1/USART1_TX/PA9
TIM17_BKIN/TIM1_CH3/TSC_G4_IO2/USART1_RX/PA10
CAN_RX/COMP1_OUT/TIM1_CH4/TSC_G4_IO3/USART1_CTS/USB_DM/PA11
CAN_TX/COMP2_OUT/TIM1_ETR/TSC_G4_IO4/USART1_DE/USART1_RTS/USB_DP/PA12
IR_OUT/SYS_SWDIO/USB_OE/PA13
SYS_SWCLK/USART2_TX/PA14
I2S1_WS/SPI1_NSS/TIM2_CH1/TIM2_ETR/USART2_RX/USART4_DE/USART4_RTS/PA15
VDD VDD VDDA VDDIO2
VSS VSS VSS VSSA
+3V3
+3.3VA
GND
Q1 NTR2101P
/A_PU_ON
BOOT
J4
J1
AIN_ATS
AIN_KTS
AIN_VTS
AIN_STS
AIN_FB1
AIN_FB2
DIN_SENSE
DOUT_SW_UKN
DOUT_K3_21
DOUT_K5_S3
DOUT_K4_T2
DOUT_K6_20B
DOUT_K2_20A
DOUT_K1_FIRE
X1_1-20
J2
VCC_18
DOUT_LED_RED
DOUT_LED_GREEN
DOUT_SW_C12
DOUT_SW_C34
DOUT_SW_C56
DIN_SW_B3_246
DIN_SW_B2_246
DIN_SW_B1_246
DIN_SW_B0_246
DIN_SW_B0_135
DIN_SW_B1_135
DIN_SW_B2_135
DIN_SW_B3_135
X1_21-40
LED_A
LED_B
MK1 Mounting_Hole
MK2 Mounting_Hole
U1 MAX3078E
RS422RX
RS422RE
RS422DE
RS422TX
J17 RS422
U2 5N65HVD230
CAND
CANR
CANH
CANL
CAN_SUSPEND
U3 AT24CS64-SSHM
SDA
SCL
J11 USB
USB_DP
USB_DM
U5 MOC3061M
U6 MOC3061M
ACSW_1
ACSW_2
J16 ACSW_1
Q6 BT136
J15 DCSW_1
J14 DCSW_2
Q3 IRF540N
Q4 IRF540N
Q5 IRF540N
Q2 IRF540N
ODSW_1
ODSW_2
ODSW_3
ODSW_4
D_Zener
J8 I2C
J10 I2C
J5 GND
J6 DIN_1
J7 SWD
J3 STEPDOWN
J9 A_D_IN
J12 POWER_BUS
J13 POWER_BUS
+24V
AIN_A_D
DIN5
DIN1
DIN2
DIN3
DIN4
SWDIO
SWDCLK
D3 D_TVS_X2_AAC
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