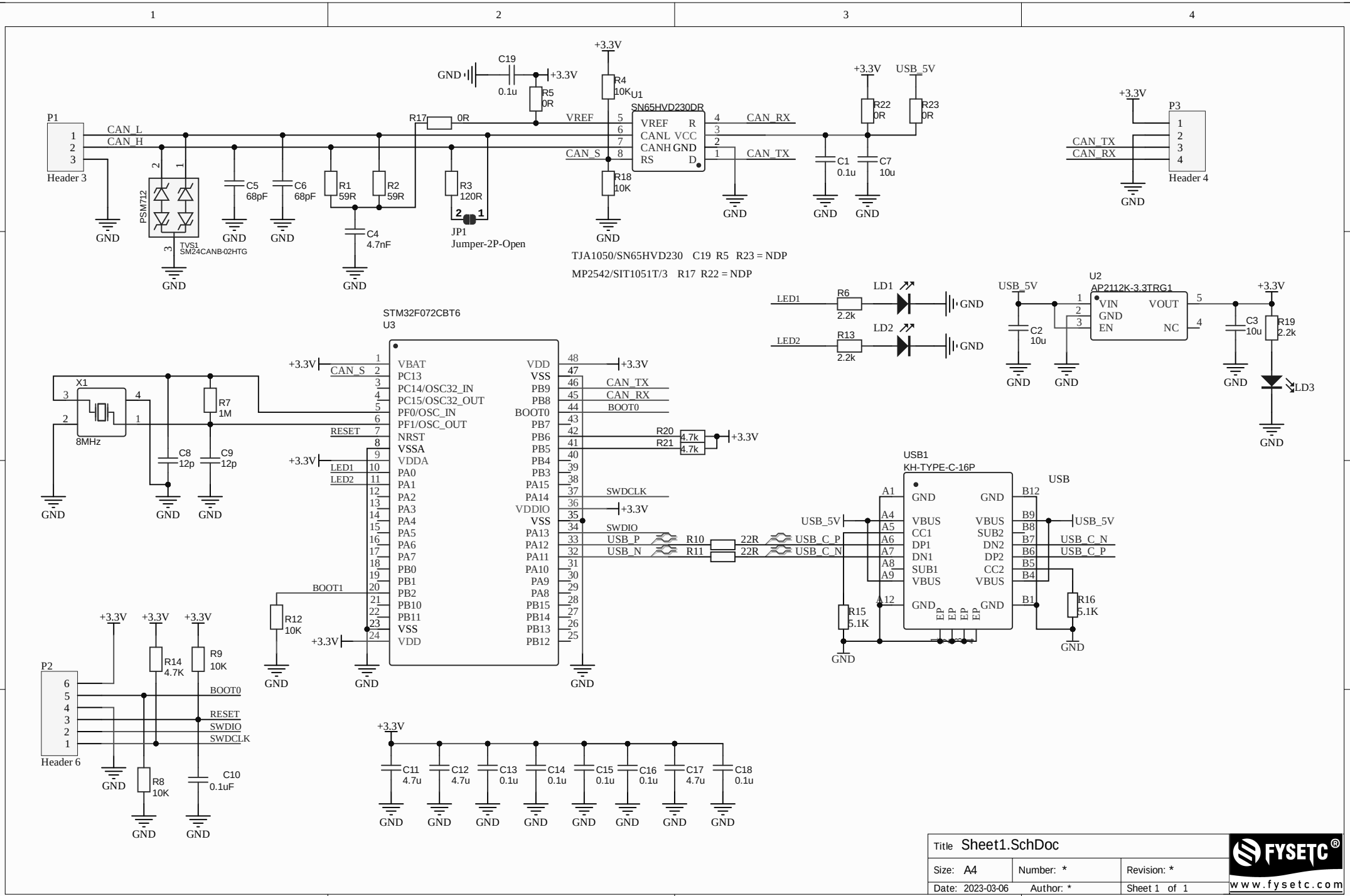
P1
Header 3
CAN_L
CAN_H
PSM712
TVS1
SM24CANB-02HTG
C5
68pF
C6
68pF
R1
59R
R2
59R
C4
4.7nF
R3
120R
JP1
Jumper-2P-Open
R17
0R
C19
0.1u
R5
0R
R4
10K
U1
SN65HVD230DR
VREF
CANL
CANH
RS
R
VCC
GND
D
CAN_S
R18
10K
CAN_RX
CAN_TX
R22
0R
R23
0R
C1
0.1u
C7
10u
P3
Header 4
TJA1050/SN65HVD230 C19 R5 R23 = NDP
MP2542/SIT1051T/3 R17 R22 = NDP
LED1
R6
2.2k
LD1
LED2
R13
2.2k
LD2
U2
AP2112K-3.3TRG1
VIN
GND
EN
VOUT
NC
C2
10u
C3
10u
R19
2.2k
LD3
STM32F072CBT6
U3
VBAT
PC13
PC14/OSC32_IN
PC15/OSC32_OUT
PF0/OSC_IN
PF1/OSC_OUT
NRST
VSSA
VDDA
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PB0
PB1
PB2
PB10
PB11
VSS
VDD
PB12
PB13
PB14
PB15
PA8
PA9
PA10
PA11
PA12
PA13
VDDIO
PA14
PA15
PB3
PB4
PB5
PB6
PB7
BOOT0
PB8
PB9
SWDIO
SWDCLK
USB_P
USB_N
R20
4.7k
R21
4.7k
R10
22R
R11
22R
USB_C_P
USB_C_N
X1
8MHz
R7
1M
C8
12p
C9
12p
R12
10K
USB1
KH-TYPE-C-16P
USB
VBUS
CC1
DP1
DN1
SUB1
SUB2
DN2
DP2
CC2
R15
5.1K
R16
5.1K
P2
Header 6
R14
4.7K
R9
10K
R8
10K
C10
0.1uF
C11
4.7u
C12
4.7u
C13
0.1u
C14
0.1u
C15
0.1u
C16
0.1u
C17
4.7u
C18
0.1u
Title Sheet1.SchDoc
Size: A4
Number: *
Revision: *
Date: 2023-03-06
Author: *
Sheet 1 of 1
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