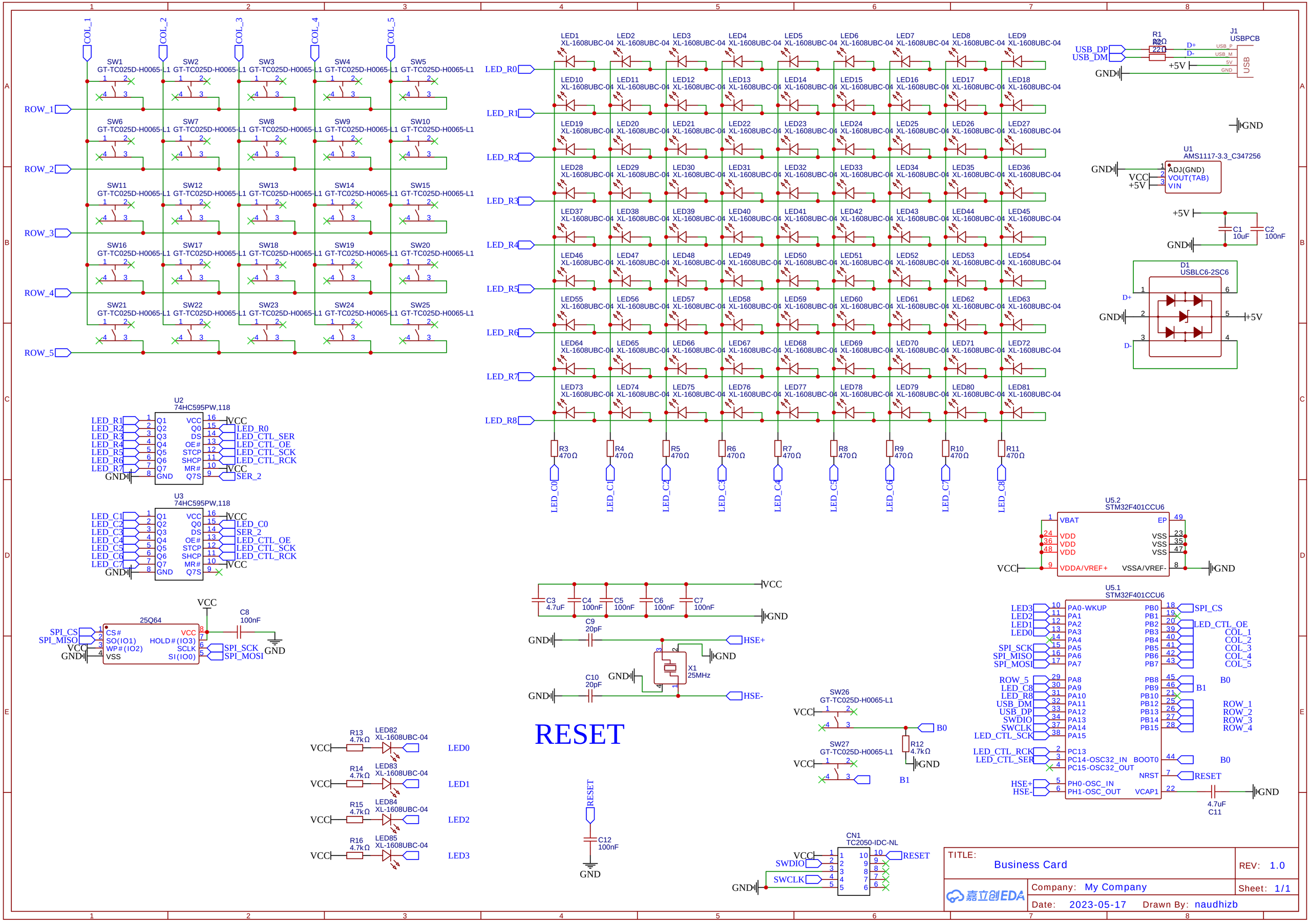
COL_1
COL_2
COL_3
COL_4
COL_5
ROW_1
ROW_2
ROW_3
ROW_4
ROW_5
SW1 GT-TC025D-H0065-L1
SW2 GT-TC025D-H0065-L1
SW3 GT-TC025D-H0065-L1
SW4 GT-TC025D-H0065-L1
SW5 GT-TC025D-H0065-L1
SW6 GT-TC025D-H0065-L1
SW7 GT-TC025D-H0065-L1
SW8 GT-TC025D-H0065-L1
SW9 GT-TC025D-H0065-L1
SW10 GT-TC025D-H0065-L1
SW11 GT-TC025D-H0065-L1
SW12 GT-TC025D-H0065-L1
SW13 GT-TC025D-H0065-L1
SW14 GT-TC025D-H0065-L1
SW15 GT-TC025D-H0065-L1
SW16 GT-TC025D-H0065-L1
SW17 GT-TC025D-H0065-L1
SW18 GT-TC025D-H0065-L1
SW19 GT-TC025D-H0065-L1
SW20 GT-TC025D-H0065-L1
SW21 GT-TC025D-H0065-L1
SW22 GT-TC025D-H0065-L1
SW23 GT-TC025D-H0065-L1
SW24 GT-TC025D-H0065-L1
SW25 GT-TC025D-H0065-L1
LED_R0
LED_R1
LED_R2
LED_R3
LED_R4
LED_R5
LED_R6
LED_R7
LED_R8
LED1 XL-1608UBC-04
LED2 XL-1608UBC-04
LED3 XL-1608UBC-04
LED4 XL-1608UBC-04
LED5 XL-1608UBC-04
LED6 XL-1608UBC-04
LED7 XL-1608UBC-04
LED8 XL-1608UBC-04
LED9 XL-1608UBC-04
LED10 XL-1608UBC-04
LED11 XL-1608UBC-04
LED12 XL-1608UBC-04
LED13 XL-1608UBC-04
LED14 XL-1608UBC-04
LED15 XL-1608UBC-04
LED16 XL-1608UBC-04
LED17 XL-1608UBC-04
LED18 XL-1608UBC-04
LED19 XL-1608UBC-04
LED20 XL-1608UBC-04
LED21 XL-1608UBC-04
LED22 XL-1608UBC-04
LED23 XL-1608UBC-04
LED24 XL-1608UBC-04
LED25 XL-1608UBC-04
LED26 XL-1608UBC-04
LED27 XL-1608UBC-04
LED28 XL-1608UBC-04
LED29 XL-1608UBC-04
LED30 XL-1608UBC-04
LED31 XL-1608UBC-04
LED32 XL-1608UBC-04
LED33 XL-1608UBC-04
LED34 XL-1608UBC-04
LED35 XL-1608UBC-04
LED36 XL-1608UBC-04
LED37 XL-1608UBC-04
LED38 XL-1608UBC-04
LED39 XL-1608UBC-04
LED40 XL-1608UBC-04
LED41 XL-1608UBC-04
LED42 XL-1608UBC-04
LED43 XL-1608UBC-04
LED44 XL-1608UBC-04
LED45 XL-1608UBC-04
LED46 XL-1608UBC-04
LED47 XL-1608UBC-04
LED48 XL-1608UBC-04
LED49 XL-1608UBC-04
LED50 XL-1608UBC-04
LED51 XL-1608UBC-04
LED52 XL-1608UBC-04
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LED54 XL-1608UBC-04
LED55 XL-1608UBC-04
LED56 XL-1608UBC-04
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LED60 XL-1608UBC-04
LED61 XL-1608UBC-04
LED62 XL-1608UBC-04
LED63 XL-1608UBC-04
LED64 XL-1608UBC-04
LED65 XL-1608UBC-04
LED66 XL-1608UBC-04
LED67 XL-1608UBC-04
LED68 XL-1608UBC-04
LED69 XL-1608UBC-04
LED70 XL-1608UBC-04
LED71 XL-1608UBC-04
LED72 XL-1608UBC-04
LED73 XL-1608UBC-04
LED74 XL-1608UBC-04
LED75 XL-1608UBC-04
LED76 XL-1608UBC-04
LED77 XL-1608UBC-04
LED78 XL-1608UBC-04
LED79 XL-1608UBC-04
LED80 XL-1608UBC-04
LED81 XL-1608UBC-04
R3 470Ω
R4 470Ω
R5 470Ω
R6 470Ω
R7 470Ω
R8 470Ω
R9 470Ω
R10 470Ω
R11 470Ω
LED_C0
LED_C1
LED_C2
LED_C3
LED_C4
LED_C5
LED_C6
LED_C7
LED_C8
R1 220Ω
J1 USBPCB
USB_DP
USB_DM
D+
D-
USB_P
USB_M
5V
GND
USB
+5V
GND
U1 AMS1117-3.3_C347256
ADJ(GND)
VOUT(TAB)
VIN
VCC
C1 10uF
C2 100nF
D1 USBLC6-2SC6
U2 74HC595PW,118
LED_R1
LED_R2
LED_R3
LED_R4
LED_R5
LED_R6
LED_R7
Q1
Q2
Q3
Q4
Q5
Q6
Q7
GND
VCC
Q0
DS
OE#
STCP
SHCP
MR#
Q7S
LED_R0
LED_CTL_SER
LED_CTL_OE
LED_CTL_SCK
LED_CTL_RCK
SER_2
U3 74HC595PW,118
LED_C1
LED_C2
LED_C3
LED_C4
LED_C5
LED_C6
LED_C7
LED_C0
U5.2 STM32F401CCU6
VBAT
EP
VDD
VSS
VDDA/VREF+
VSSA/VREF-
U5.1 STM32F401CCU6
LED3
LED2
LED1
LED0
SPI_SCK
SPI_MISO
SPI_MOSI
ROW_5
LED_C8
LED_R8
USB_DM
USB_DP
SWDIO
SWCLK
LED_CTL_SCK
LED_CTL_RCK
LED_CTL_SER
HSE+
HSE-
PA0-WKUP
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PA13
PA14
PA15
PC13
PC14-OSC32_IN
PC15-OSC32_OUT
PH0-OSC_IN
PH1-OSC_OUT
PB0
PB1
PB2
PB3
PB4
PB5
PB6
PB7
PB8
PB9
PB10
PB12
PB13
PB14
PB15
BOOT0
NRST
VCAP1
SPI_CS
LED_CTL_OE
COL_1
COL_2
COL_3
COL_4
COL_5
B0
B1
ROW_1
ROW_2
ROW_3
ROW_4
RESET
4.7uF C11
25Q64
CS#
SO(IO1)
WP#(IO2)
VSS
HOLD#(IO3)
SCLK
SI(IO0)
C8 100nF
C3 4.7uF
C4 100nF
C5 100nF
C6 100nF
C7 100nF
C9 20pF
C10 20pF
X1 25MHz
HSE+
HSE-
RESET
SW26 GT-TC025D-H0065-L1
SW27 GT-TC025D-H0065-L1
R12 4.7kΩ
R13 4.7kΩ
R14 4.7kΩ
R15 4.7kΩ
R16 4.7kΩ
LED82 XL-1608UBC-04
LED83 XL-1608UBC-04
LED84 XL-1608UBC-04
LED85 XL-1608UBC-04
LED0
LED1
LED2
LED3
C12 100nF
CN1 TC2050-IDC-NL
TITLE:
Business Card
REV: 1.0
Company: My Company
Sheet: 1/1
Date: 2023-05-17
Drawn By: naudhizb