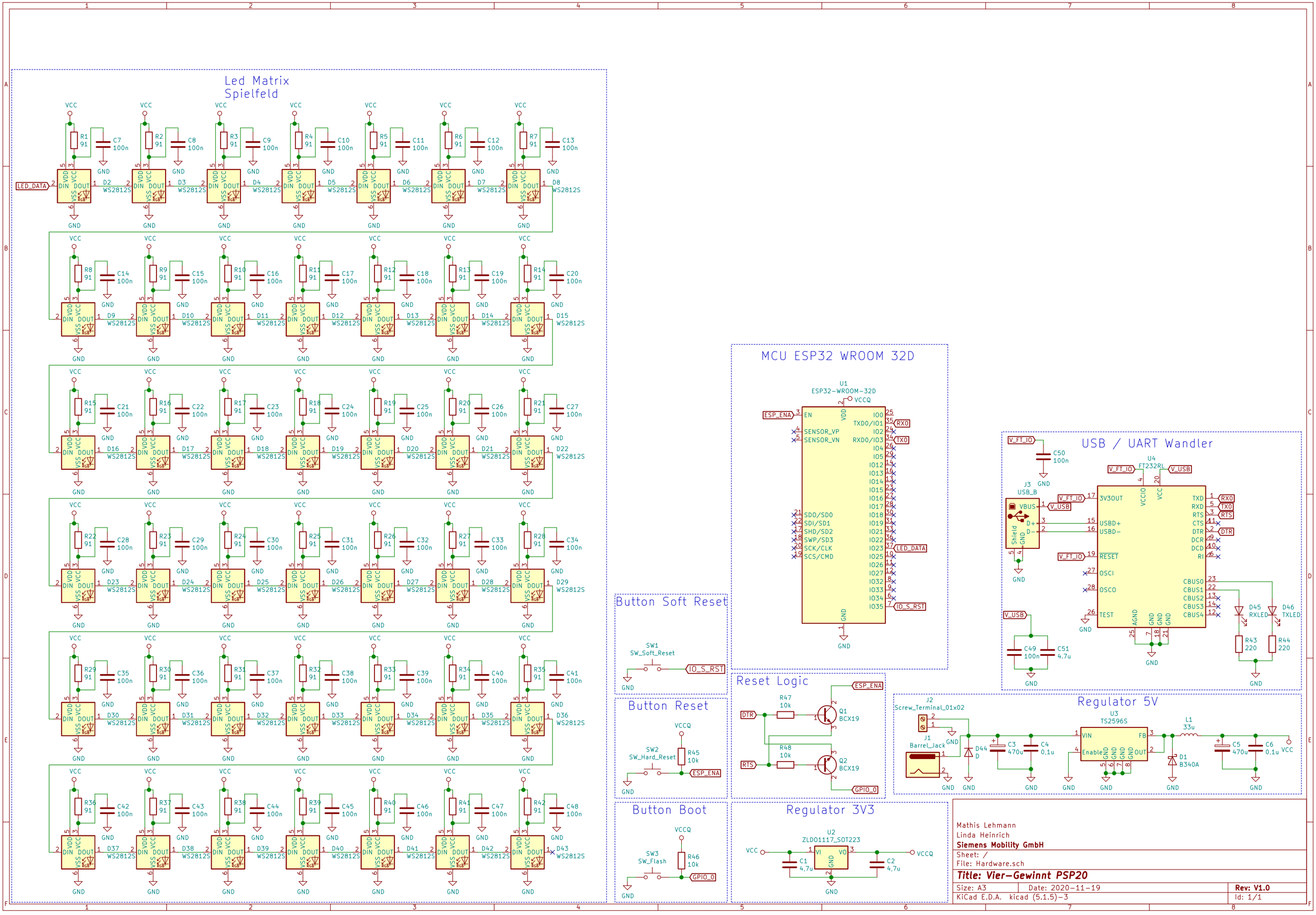
Led Matrix
Spielfeld
LED_DATA
WS2812S
MCU ESP32 WROOM 32D
U1
ESP32-WROOM-32D
ESP_ENA
RX0
TX0
LED_DATA
IO_S_RST
USB / UART Wandler
U4
FT232RL
V_FT_IO
V_USB
J3
USB_B
D45
RXLED
D46
TXLED
Button Soft Reset
SW1
SW_Soft_Reset
Button Reset
SW2
SW_Hard_Reset
VCCQ
Reset Logic
DTR
RTS
Q1
BCX19
Q2
BCX19
GPIO_0
Regulator 5V
J2
Screw_Terminal_01x02
J1
Barrel_Jack
U3
TS2596S
D1
B340A
Button Boot
SW3
SW_Flash
Regulator 3V3
U2
ZLD01117_SOT223
VCC
VCCQ
Mathis Lehmann
Linda Heinrich
Siemens Mobility GmbH
Sheet: /
File: Hardware.sch
Title: Vier-Gewinnt PSP20
Size: A3
Date: 2020-11-19
Rev: V1.0
KiCad E.D.A. kicad (5.1.5)-3
Id: 1/1