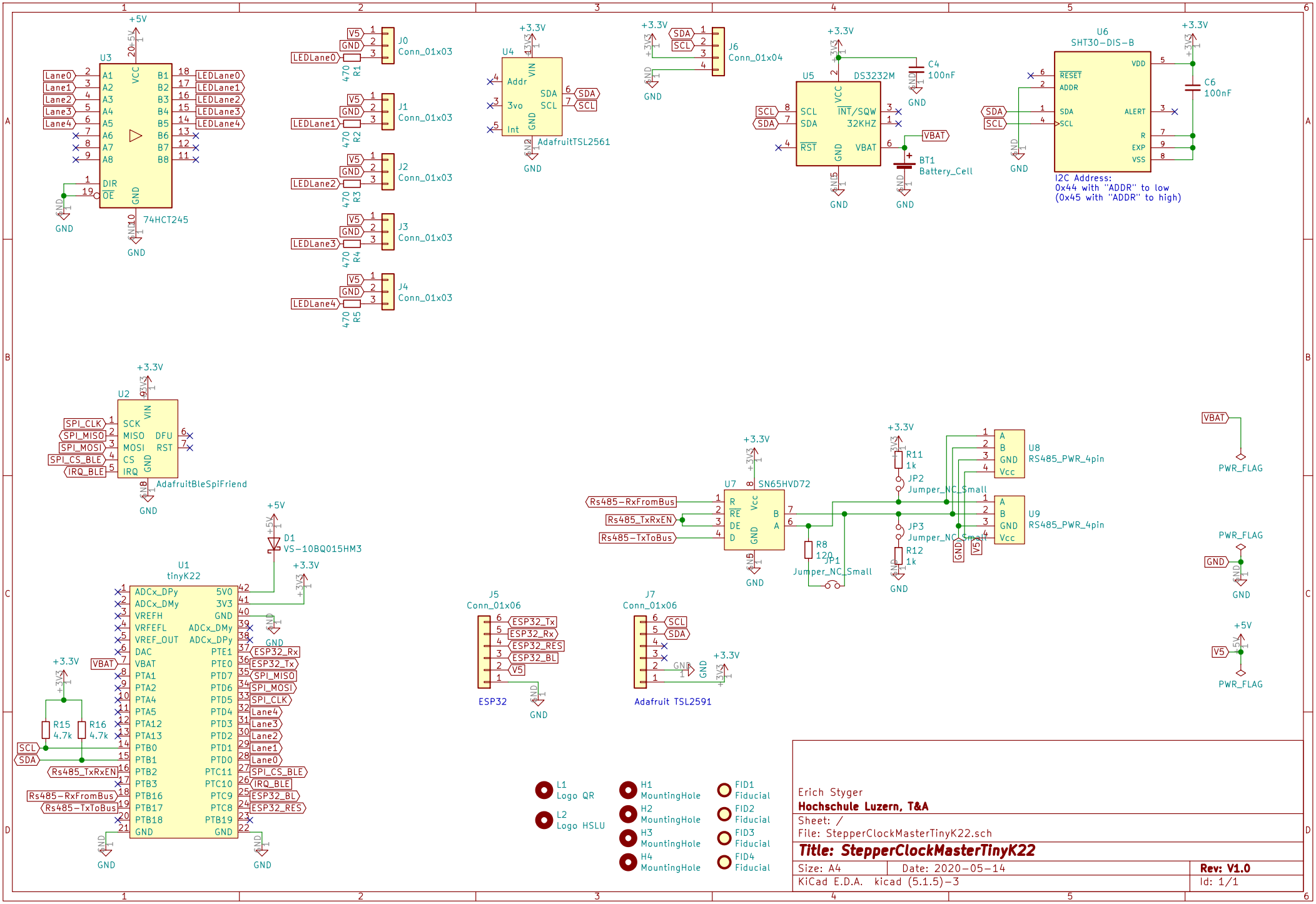
U3
74HCT245
Lane0
Lane1
Lane2
Lane3
Lane4
LEDLane0
LEDLane1
LEDLane2
LEDLane3
LEDLane4
J0 Conn_01x03
J1 Conn_01x03
J2 Conn_01x03
J3 Conn_01x03
J4 Conn_01x03
U4
AdafruitTSL2561
J6 Conn_01x04
U5
DS3232M
C4 100nF
BT1 Battery_Cell
U6
SHT30-DIS-B
C6 100nF
I2C Address:
0x44 with "ADDR" to low
(0x45 with "ADDR" to high)
U2
AdafruitBleSpiFriend
SPI_CLK
SPI_MISO
SPI_MOSI
SPI_CS_BLE
IRQ_BLE
D1 VS-10BQ015HM3
U1 tinyK22
R15 4.7k
R16 4.7k
Rs485_TxRxEN
Rs485-RxFromBus
Rs485-TxToBus
U7 SN65HVD72
R8 120
JP1 Jumper_NC_Small
R11 1k
R12 1k
JP2 Jumper_NC_Small
JP3 Jumper_NC_Small
U8 RS485_PWR_4pin
U9 RS485_PWR_4pin
J5 Conn_01x06
ESP32
J7 Conn_01x06
Adafruit TSL2591
PWR_FLAG
L1 Logo QR
L2 Logo HSLU
H1 MountingHole
H2 MountingHole
H3 MountingHole
H4 MountingHole
FID1 Fiducial
FID2 Fiducial
FID3 Fiducial
FID4 Fiducial
Erich Styger
Hochschule Luzern, T&A
Sheet: /
File: StepperClockMasterTinyK22.sch
Title: StepperClockMasterTinyK22
Size: A4
Date: 2020-05-14
Rev: V1.0
KiCad E.D.A. kicad (5.1.5)-3
Id: 1/1