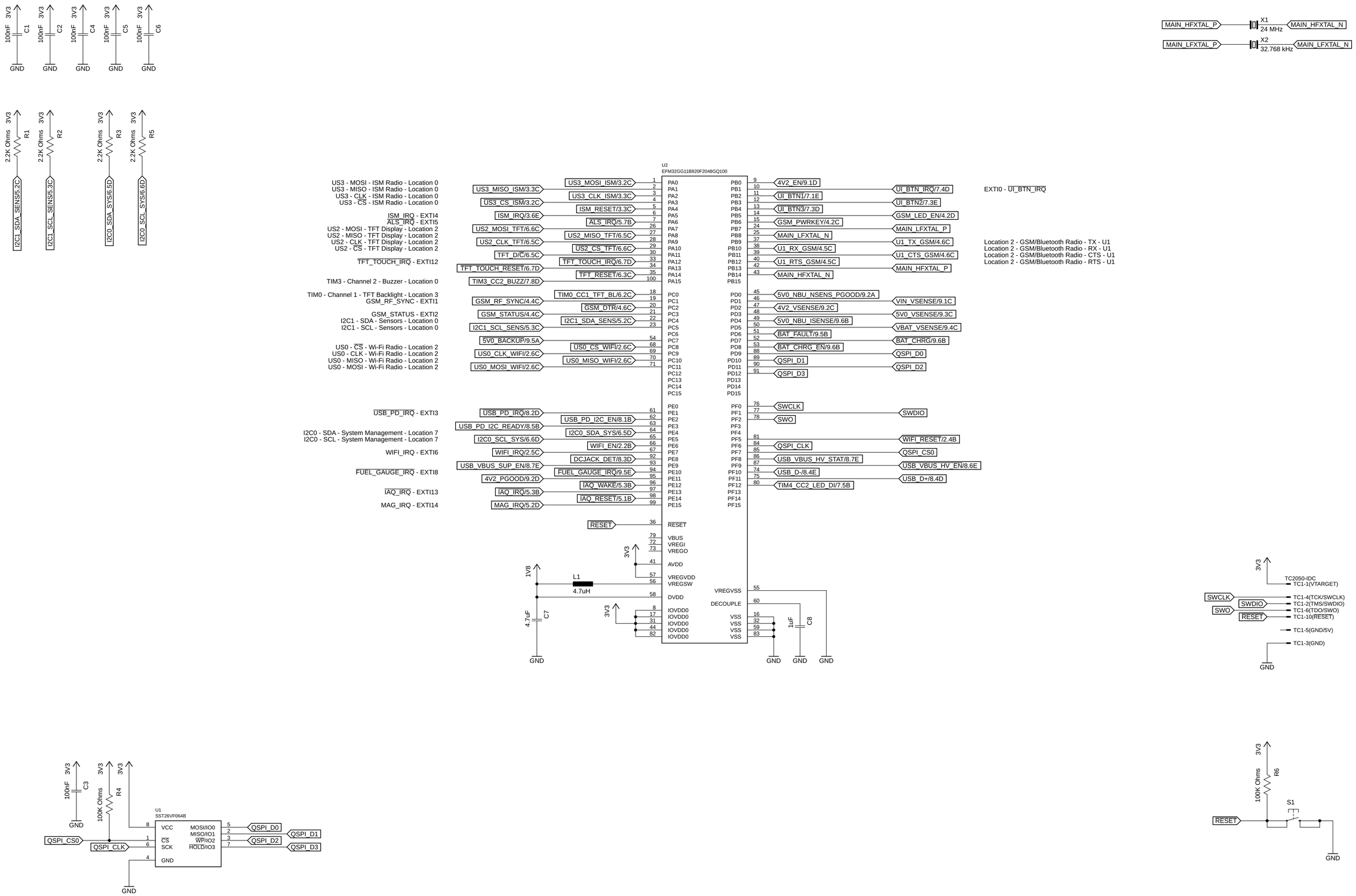

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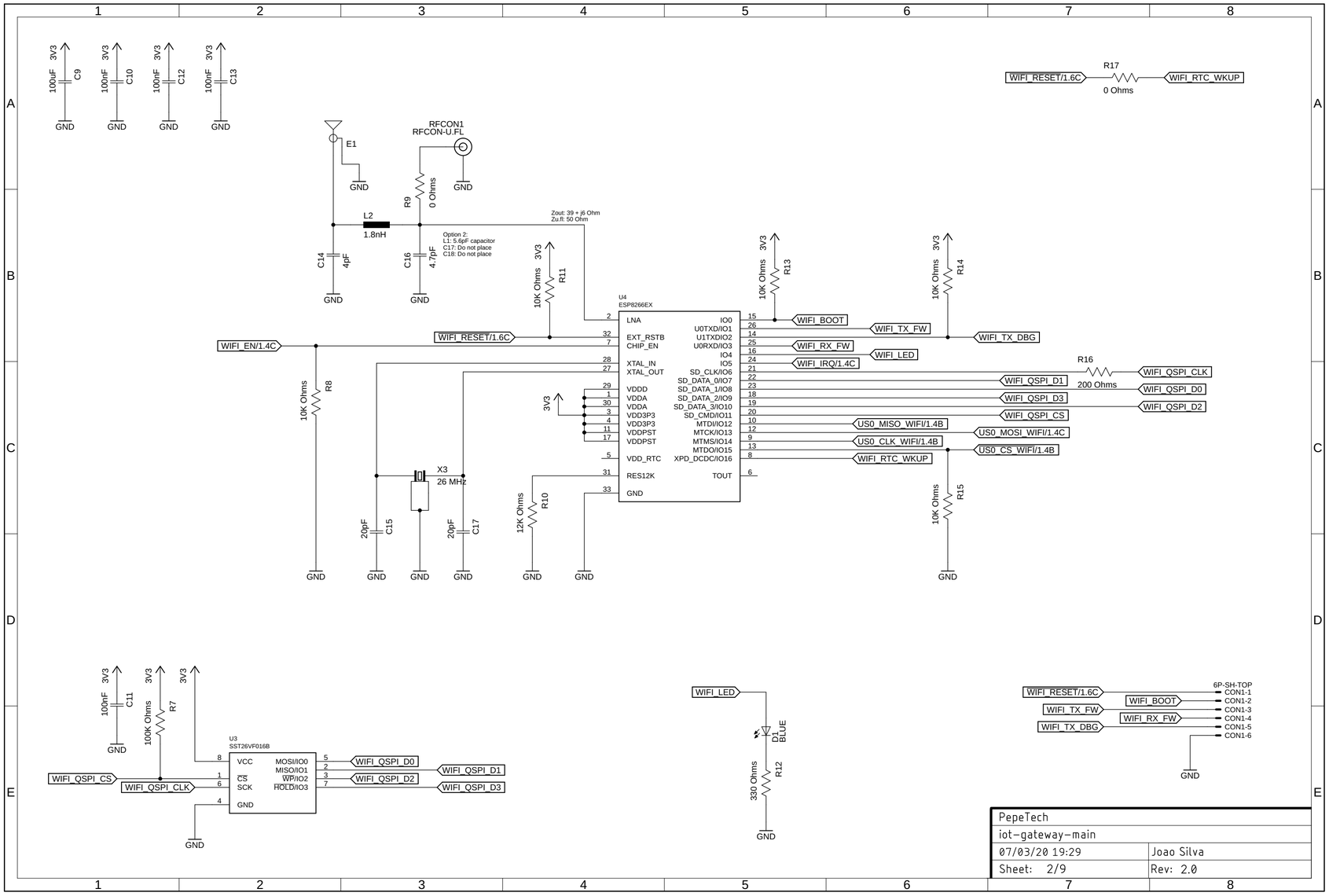
C9 100uF 3V3 GND
C10 100nF 3V3 GND
C12 100nF 3V3 GND
C13 100nF 3V3 GND
E1 GND
RFCON1 RFCON-U.FL GND
R9 0 Ohms
L2 1.8nH
Zout: 39 + j6 Ohm
Zu.ft: 50 Ohm
Option 2:
L1: 5.6pF capacitor
C17: Do not place
C18: Do not place
C14 4pF GND
C16 4.7pF GND
R11 10K Ohms 3V3
R13 10K Ohms 3V3
R14 10K Ohms 3V3
WIFI_RESET/1.6C
R17 0 Ohms
WIFI_RTC_WKUP
U4
ESP8266EX
LNA
EXT_RSTB
CHIP_EN
XTAL_IN
XTAL_OUT
VDDD
VDDA
VDDA
VDD3P3
VDD3P3
VDDPST
VDDPST
VDD_RTC
RES12K
GND
IO0
U0TXD/IO1
U1TXD/IO2
U0RXD/IO3
IO4
IO5
SD_CLK/IO6
SD_DATA_0/IO7
SD_DATA_1/IO8
SD_DATA_2/IO9
SD_DATA_3/IO10
SD_CMD/IO11
MTDI/IO12
MTCK/IO13
MTMS/IO14
MTDO/IO15
XPD_DCDC/IO16
TOUT
WIFI_BOOT
WIFI_TX_FW
WIFI_TX_DBG
WIFI_RX_FW
WIFI_LED
WIFI_IRQ/1.4C
R16 200 Ohms
WIFI_QSPI_CLK
WIFI_QSPI_D1
WIFI_QSPI_D0
WIFI_QSPI_D3
WIFI_QSPI_D2
WIFI_QSPI_CS
US0_MISO_WIFI/1.4B
US0_MOSI_WIFI/1.4C
US0_CLK_WIFI/1.4B
US0_CS_WIFI/1.4B
WIFI_RTC_WKUP
WIFI_EN/1.4C
R8 10K Ohms
X3 26 MHz
C15 20pF GND
C17 20pF GND
R10 12K Ohms GND
R15 10K Ohms GND
C11 100nF 3V3 GND
R7 100K Ohms 3V3
U3
SST26VF016B
VCC
CS
SCK
GND
MOSI/IO0
MISO/IO1
WP/IO2
HOLD/IO3
WIFI_QSPI_CS
WIFI_QSPI_CLK
WIFI_QSPI_D0
WIFI_QSPI_D1
WIFI_QSPI_D2
WIFI_QSPI_D3
WIFI_LED
D1 BLUE
R12 330 Ohms GND
6P-SH-TOP
CON1-1
CON1-2
CON1-3
CON1-4
CON1-5
CON1-6
WIFI_RESET/1.6C
WIFI_BOOT
WIFI_TX_FW
WIFI_RX_FW
WIFI_TX_DBG
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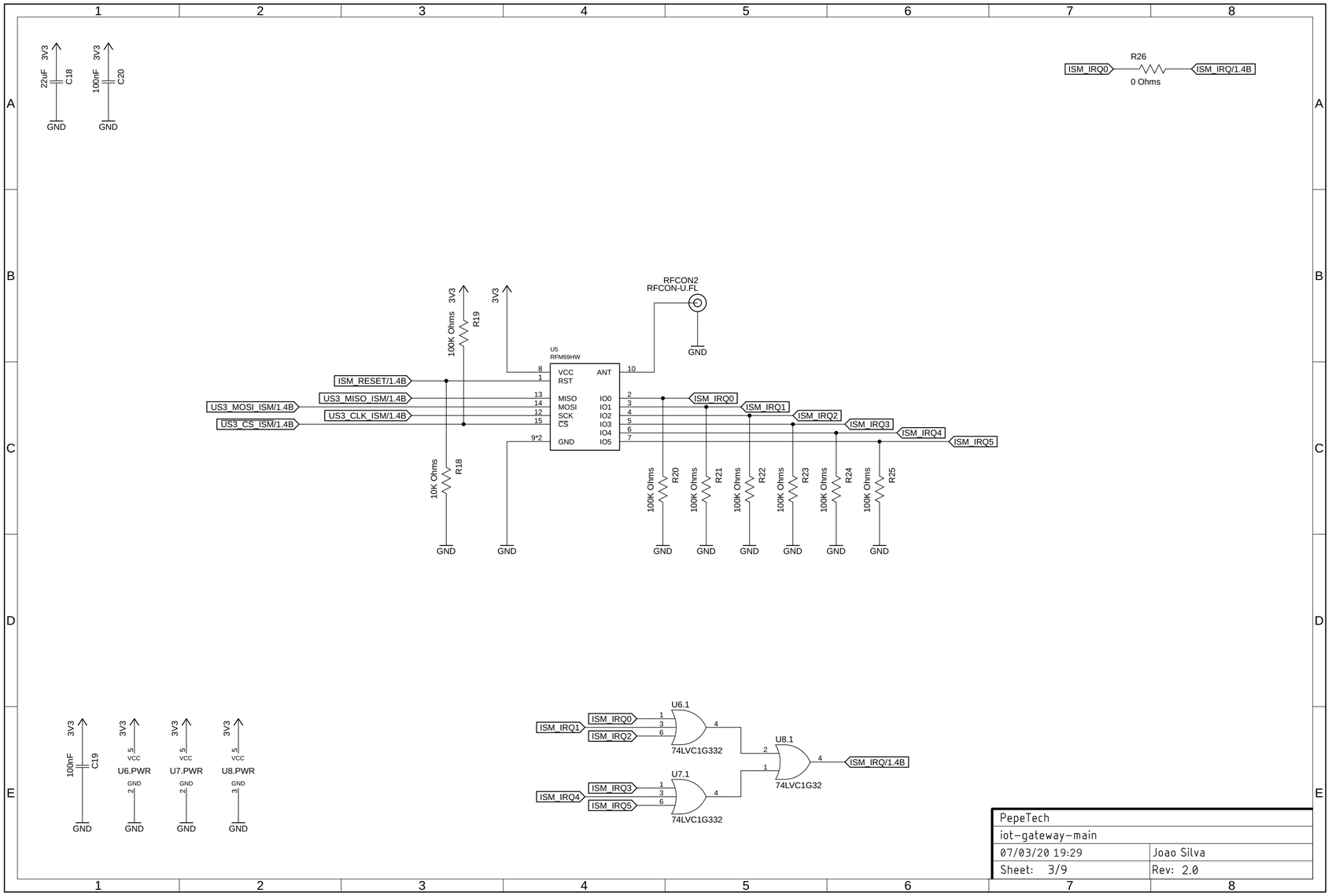

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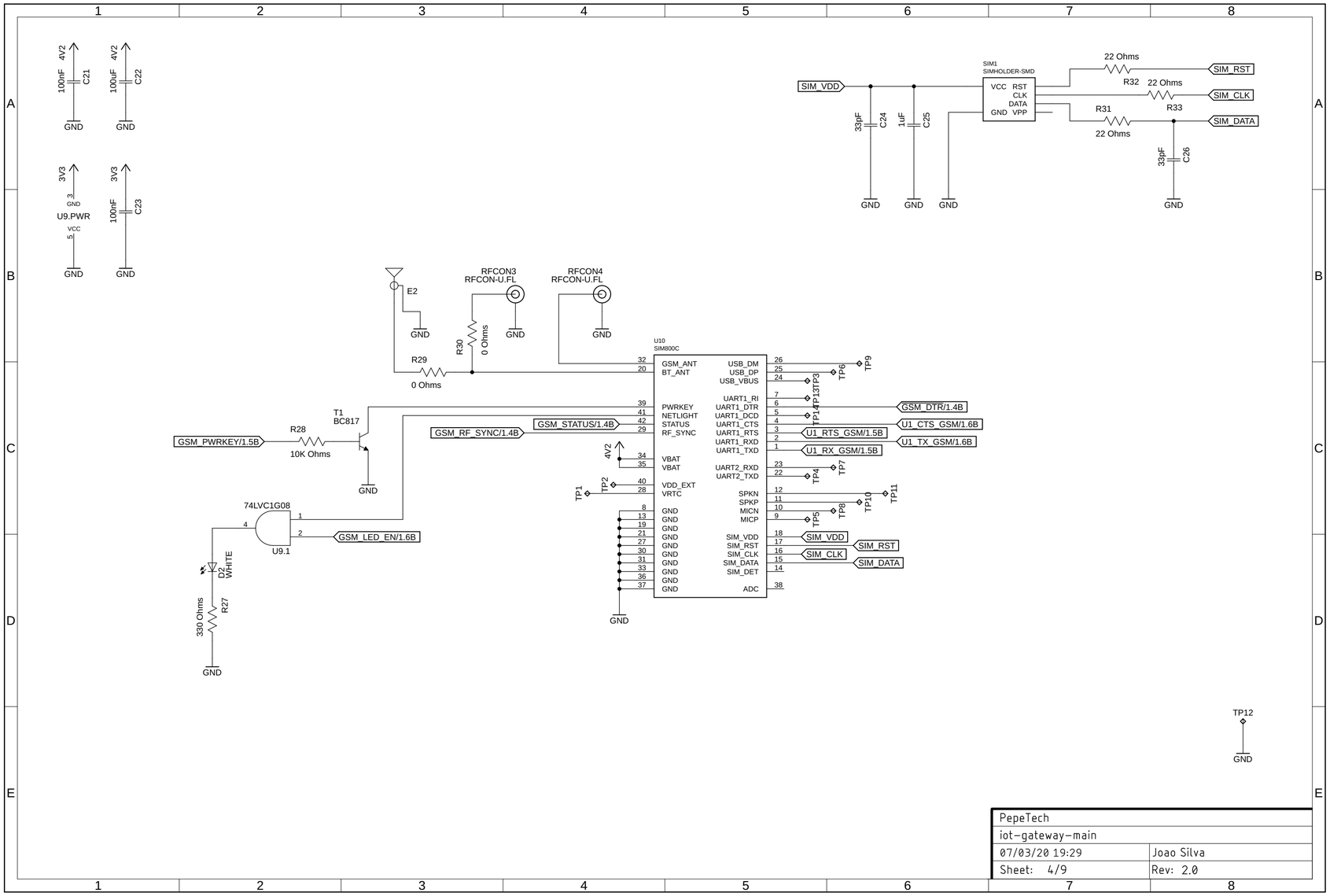

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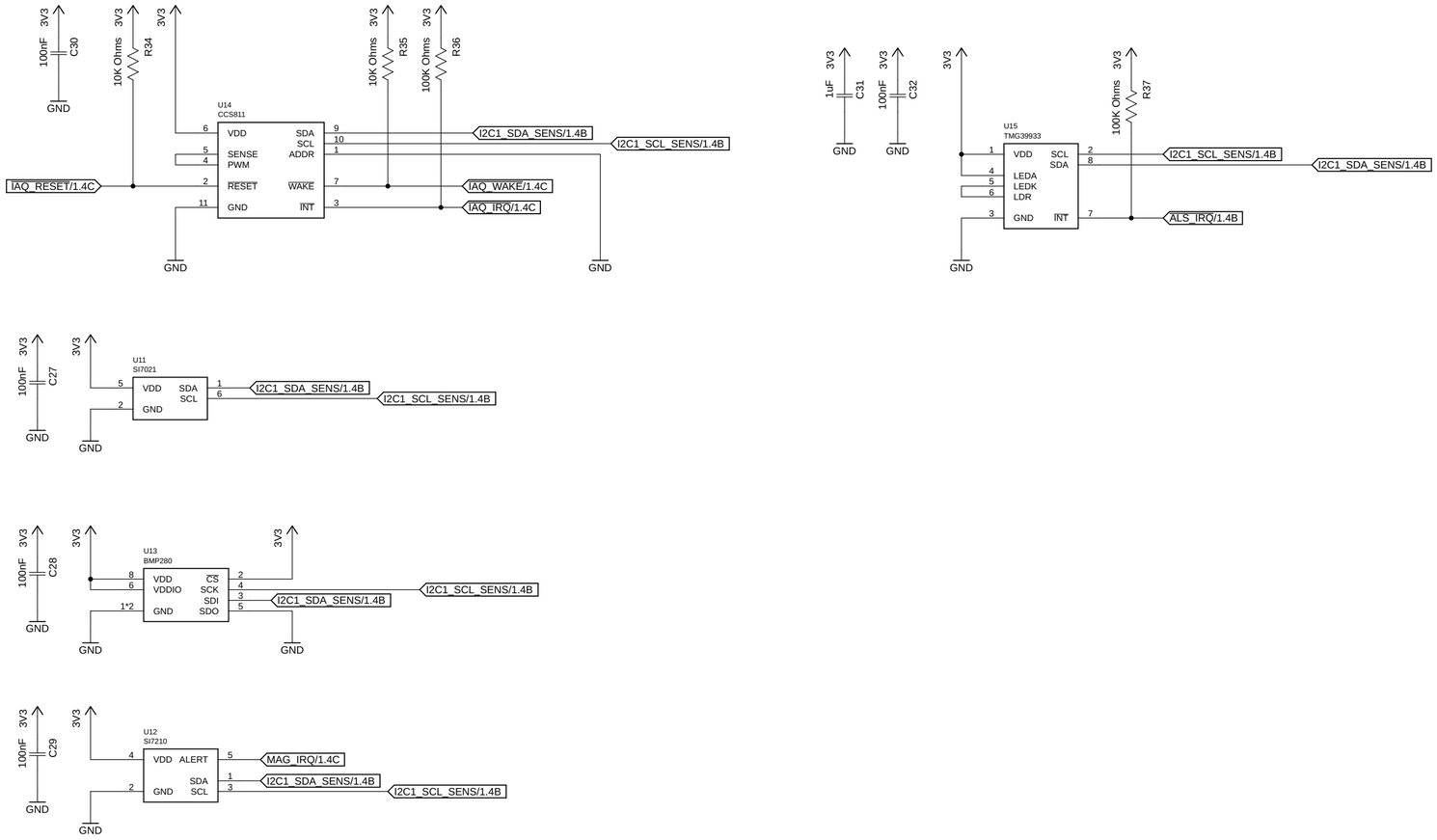

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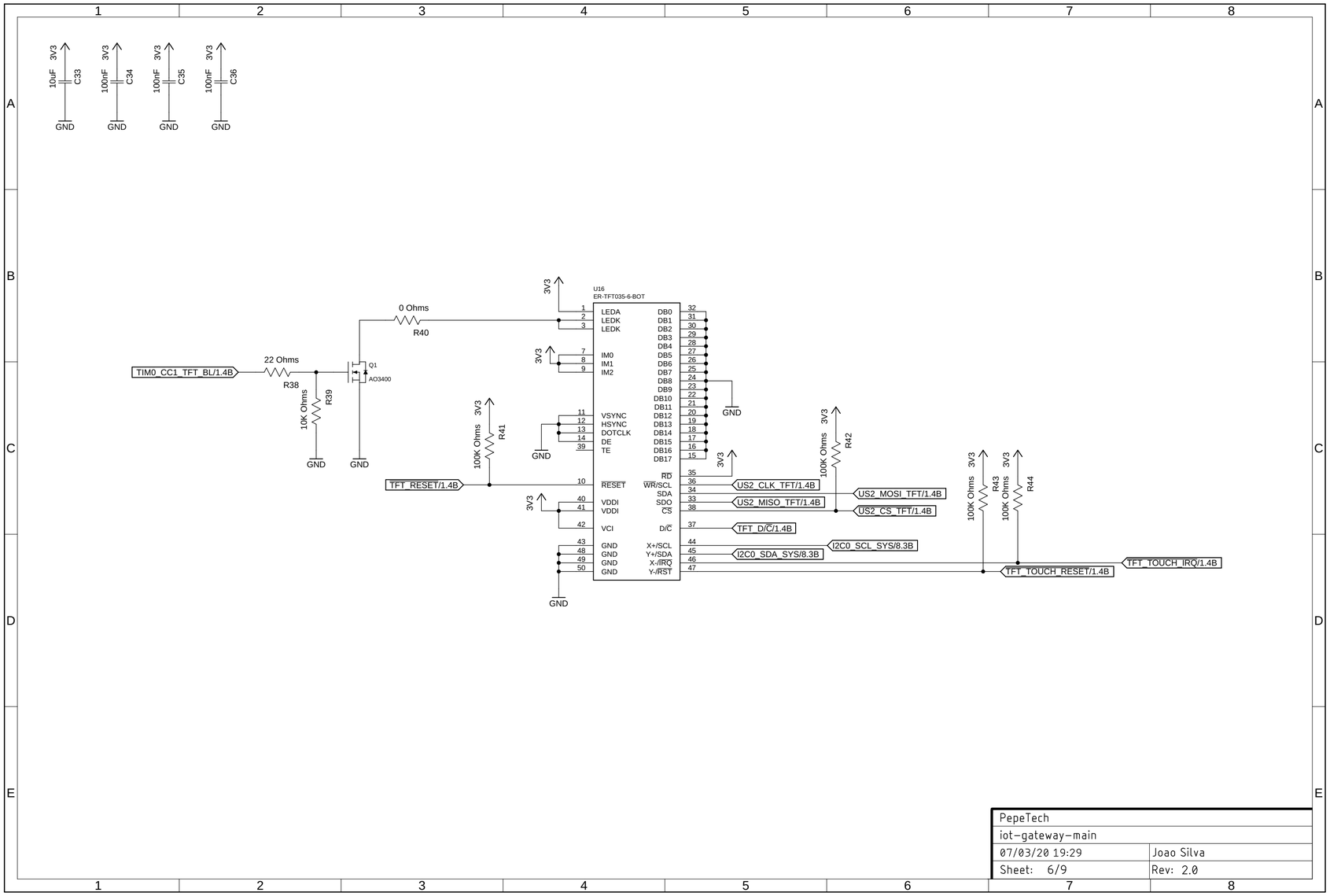

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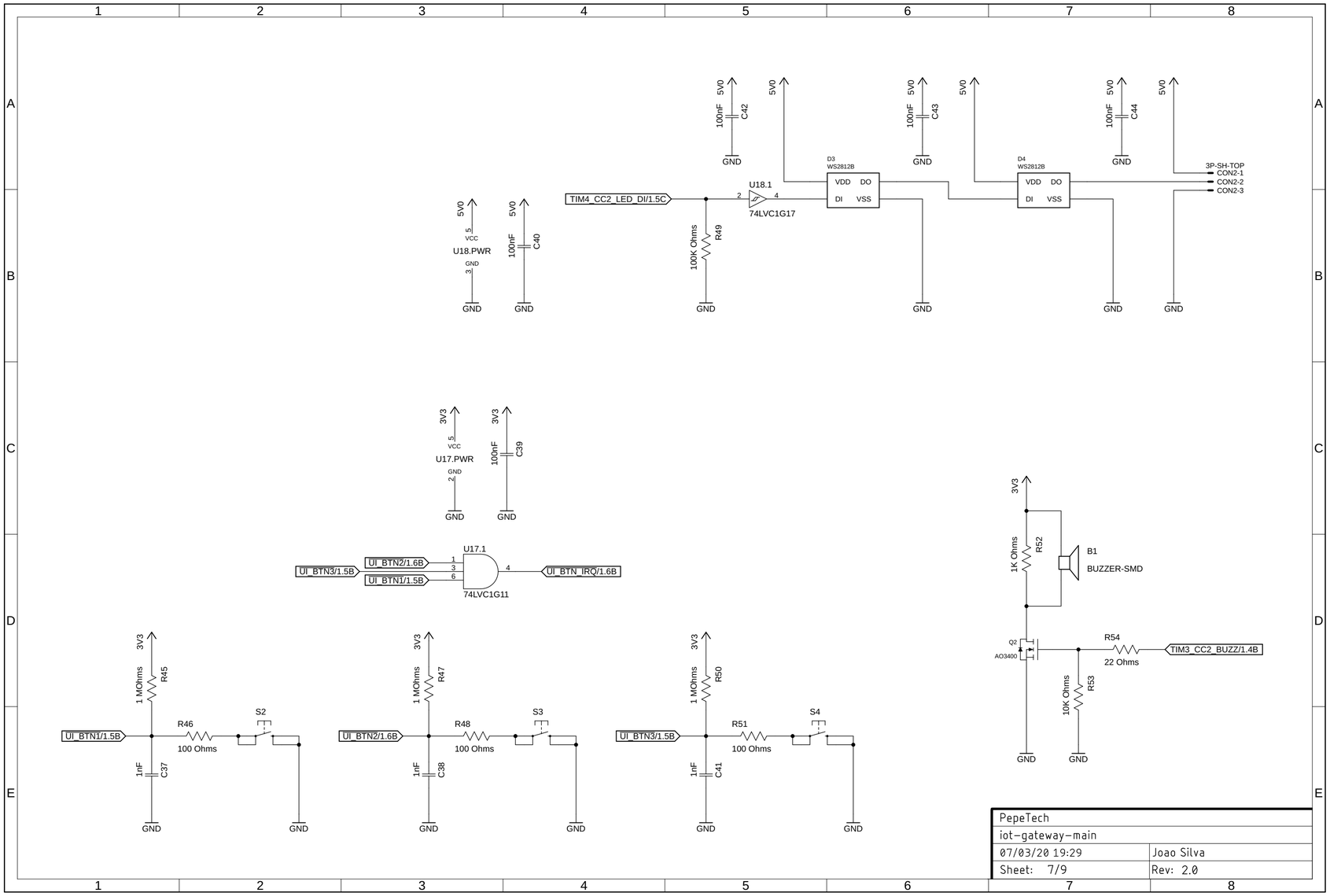

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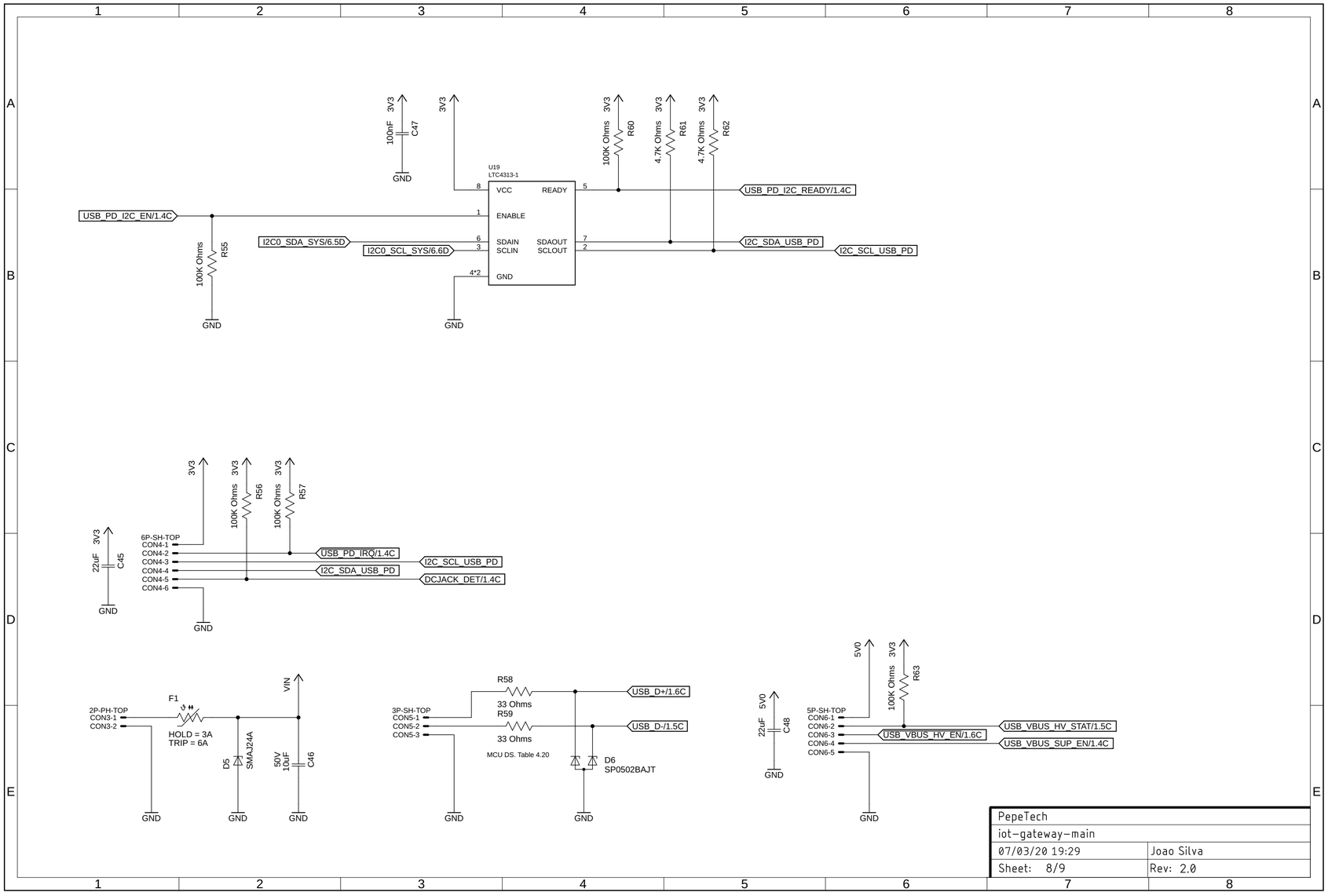

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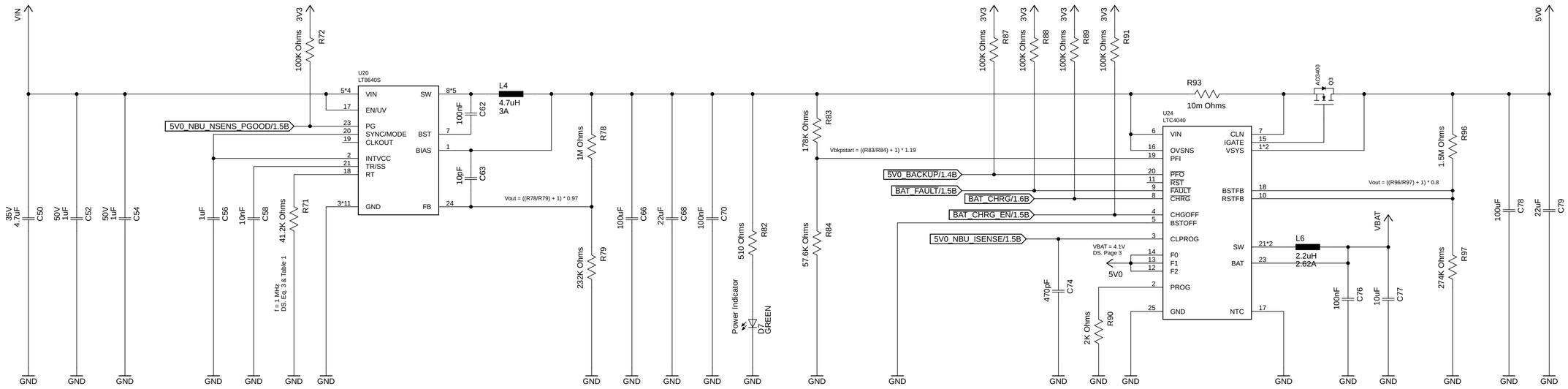

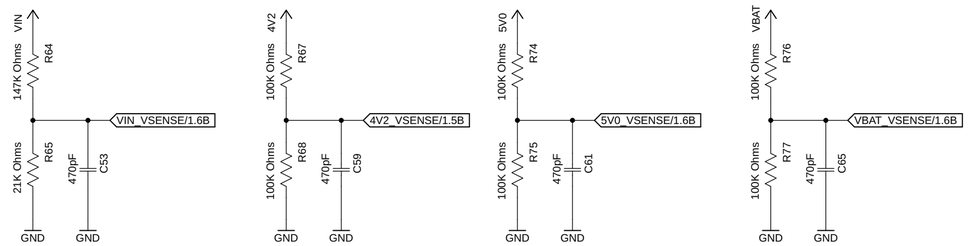

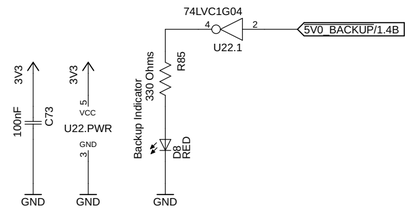

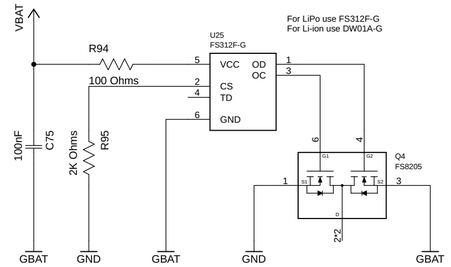

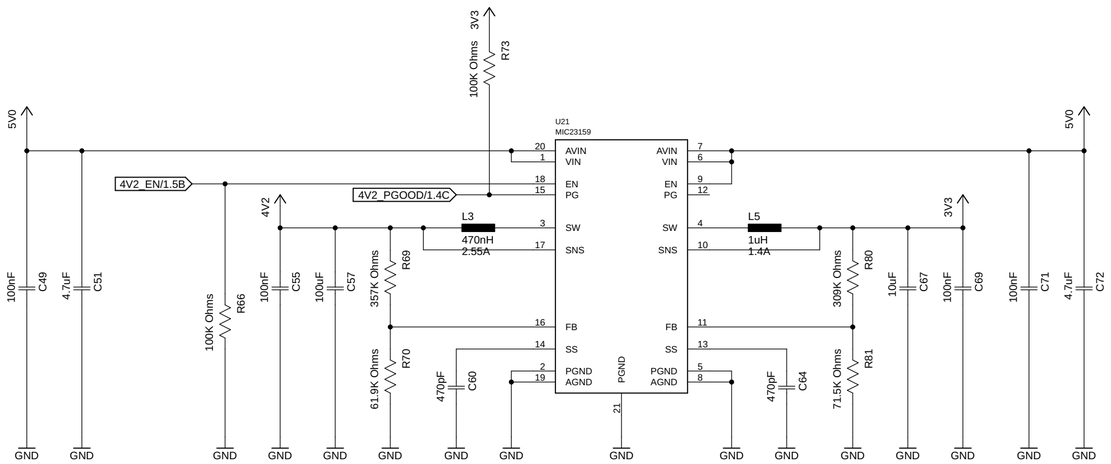

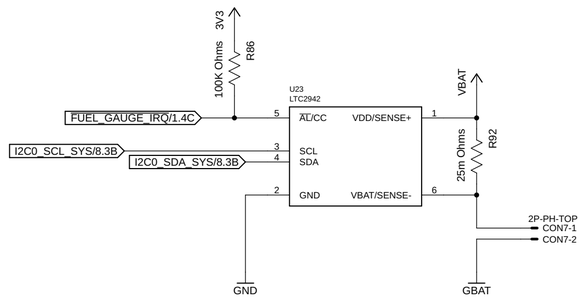

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