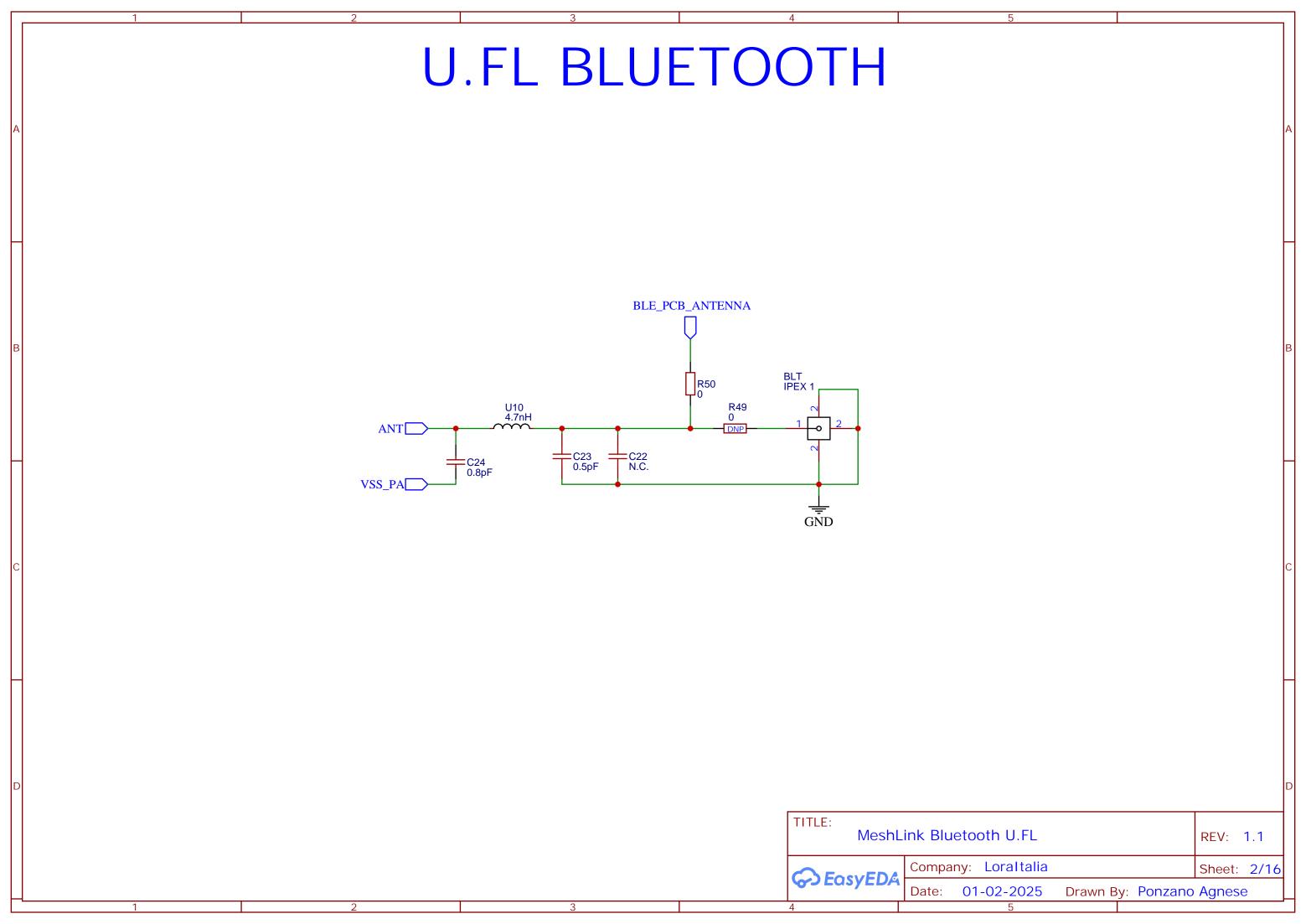
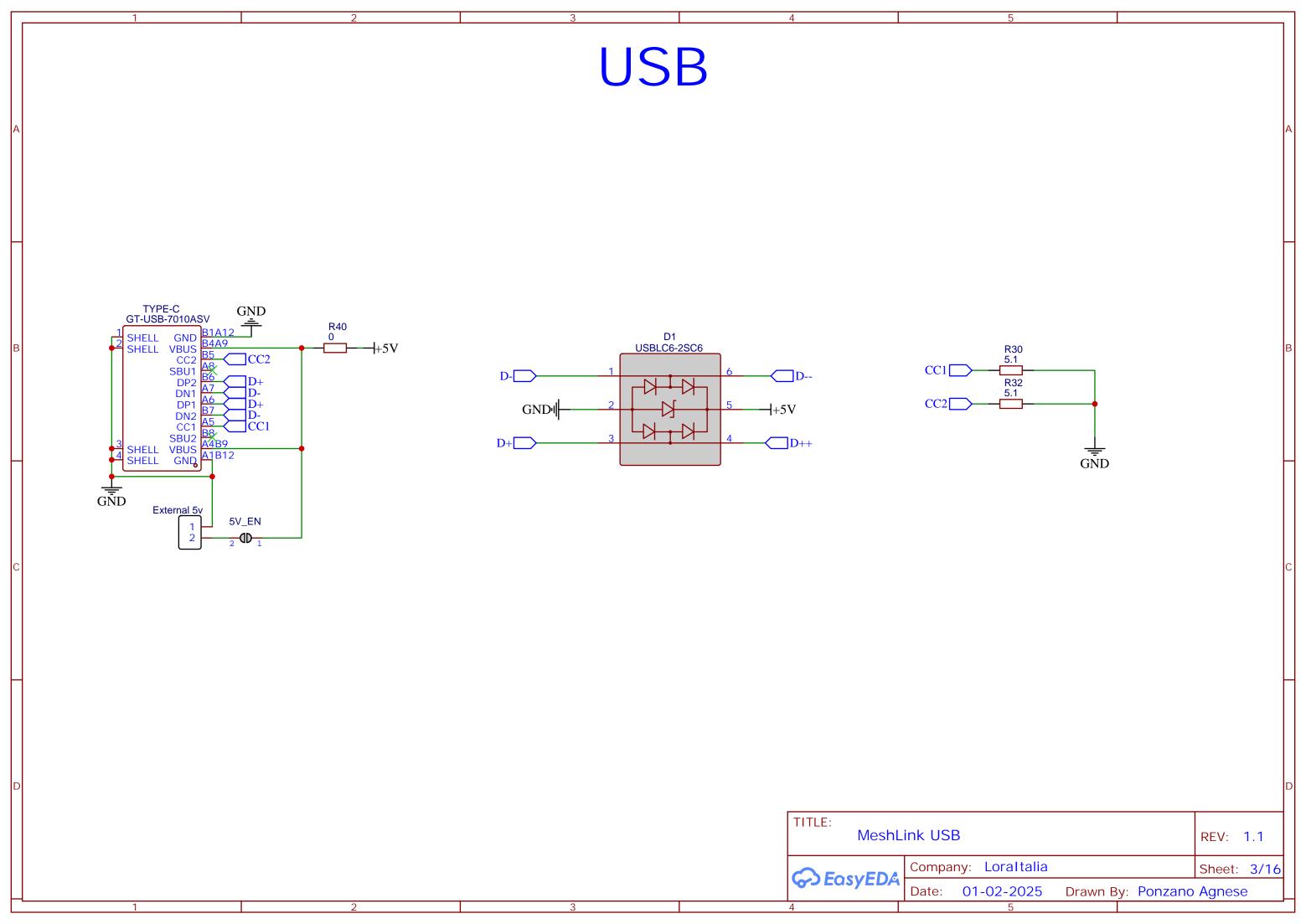
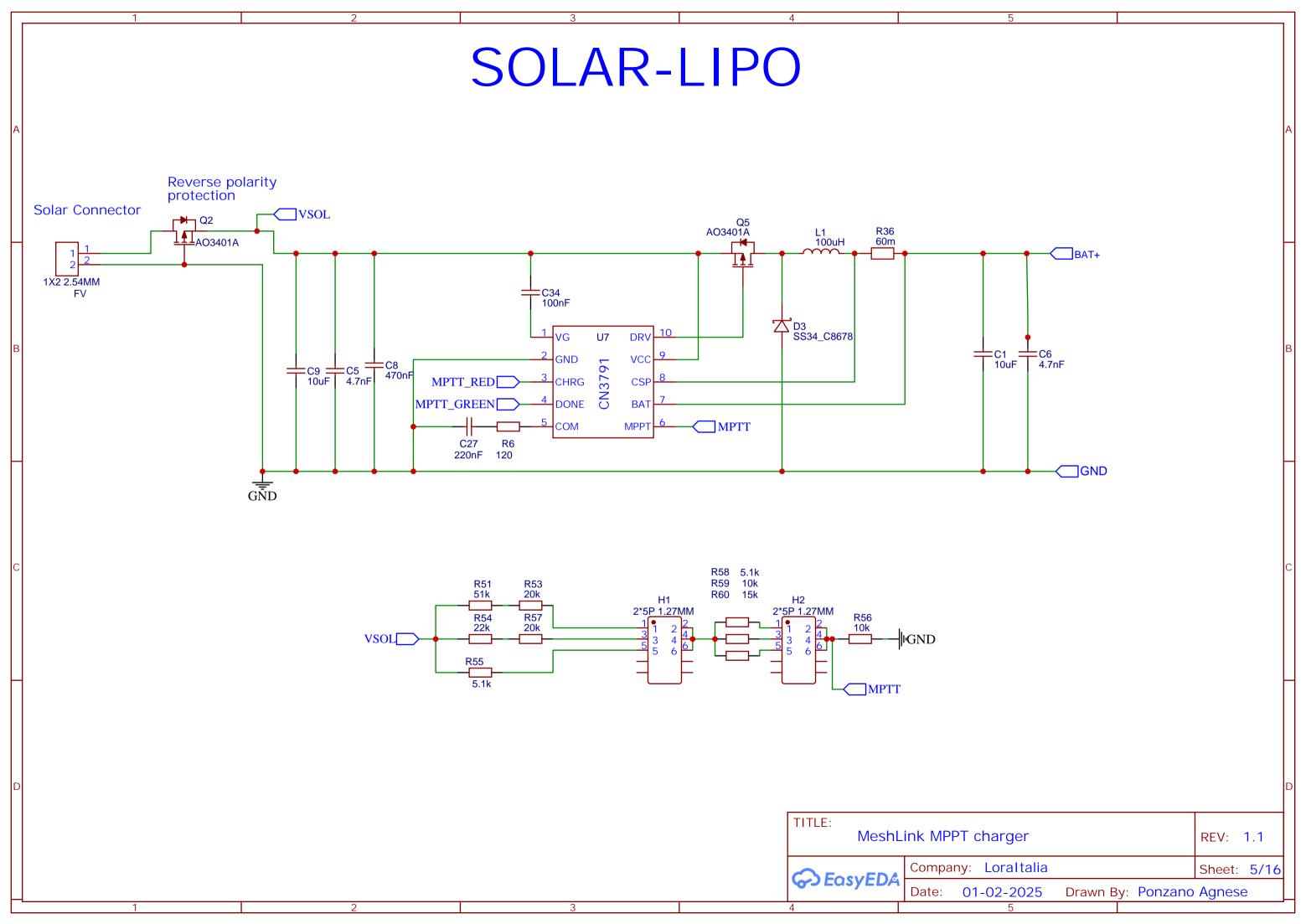
NRF52 GND 3V3 **GND** NRF52840 100nF PO.31/AIN7 BUZZER_PIN **GND** P0.29/AIN5 VDD **GND** 3V3 TFLASH WP BATT_ADC P0.02/AIN0 P1.00/TRACEDATA0 PPS_LED P1.15 P0.24 3V3 AD18 FLASH_SPI_CS FLASH_HOLD C33 P1.13 P0.22 100nF C13= 100nF DEC2 P0.20 C37 15pF AD14 VDD P1.10 AD12 EINK_RST VDD PO.17 A23 B1 B3 B5 B7 B9 B11 B13 AD10 _EINK_CS _NRF_MAN_RXEN XC2 P0.15 C14 1uF VDD P0.13 L4 15nH ______ L5 10uH DCC D+ Ď--DEC6 DEC4 D-+5V VSS **VBUS** X2 32MHz GND∙⊪ SWDIO =C19_ ==C21 P0.30/AIN6 **SWDIO** 3V3 GND 47nF 1uF WD_EN P0.28/AIN4 P0.25 SPI_MISO SPI_MOSI SPI_SCK GND GND P0.03/AIN1 P0.03/AIN1 P0.23 B15 B17 B19 B24 4.7uF P1.14 P0.21 H_{GND} P1.12 P0.19 AC13 P1.11 XC1 RESET C15 15pF PO.18/nRESET EINK_BUSY P0.16 4.7uF DEC1 P0.14 EINK_D/C NRF_GPS_EN ŀGND P0.00/XL1 **DECUSB** DCCH DEC3 E24 C16 SWDCLK NRF_DIO1 DEC6 **SWDCLK** C17 4.7uF SDA L P0.01/XL2 P1.01 100nF 100pF VSS_PA VSS_PA IGND **VDDH** G1 H2 H23 GPS PPS P0.26 P1.02 P1.02 VDD **SCL** P0.27 **GND GND** NRF_BUSY P1.04 ANT ANT P1.03 $3\overline{V}3$ P0.04/AIN2 P1.04 NRF_NSS P1.05 P0.10 PO.12/TRACEDATA1 PO.10/NFC2 L24 DEC6 P0.05/AIN3 P1.05 NRF_SCK P1.06 NRF_MOSI NRF_NRST P0.06 P0.11 C26 N.C. P0.09 P1.06 P0.09/NFC1 M2 NRF P0.07 TXD PO.07/TRACECLK P1.09/TRACEDATA3 N1 N24 NRF_MISO P0.08 P1.07 P1.07 ₩ GND NRF_P1.08_RXD DEC5 P1.08 U2 W25Q16JVUXIQ **GND** EP FLASH SPI CS CS# VCC **−**3V3 SPI MISO FLASH HOLD DO(IO1) HOLD#orRESET#(IO3) FLASH_WP SPI_SCK SPI_MOSI WP#(IO2) CLK GND DI(100) 를 GND TITLE: MeshLink NRF52 & Flash **REV: 1.1** Company: LoraItalia Sheet: 1/16 **EasyEDA** Date: 01-02-2025 Drawn By: Ponzano Agnese

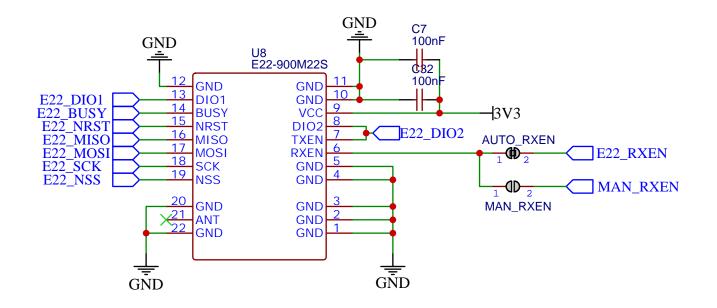


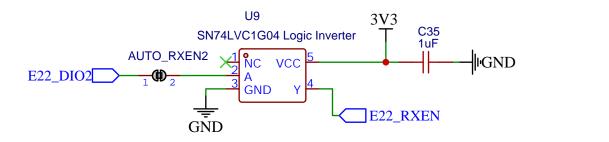


USB CHARGER D2 SS34_C8678 U3 TP4056-MS -||·GND VCC EP CE CHRG STDBY BAT R31 330 PROG GND VCC GND USB_CHARGER_RED USB_CHARGER_GREEN USB1A +5V AO3401A OPEN: 200mA, CLOSED: 1A — GND BAT-U6 D<u>W01A_C35141</u>0 Q9 AO3400A GND 6 VCC 4 TD 4 BAT+ R2 100 AO3400A Q10 — GND TITLE: MeshLink USB charger **REV:** 1.1 Company: LoraItalia Sheet: 4/16 **EasyEDA** Drawn By: Ponzano Agnese 01-02-2025



RADIO





TITLE:

MeshLink Lora radio

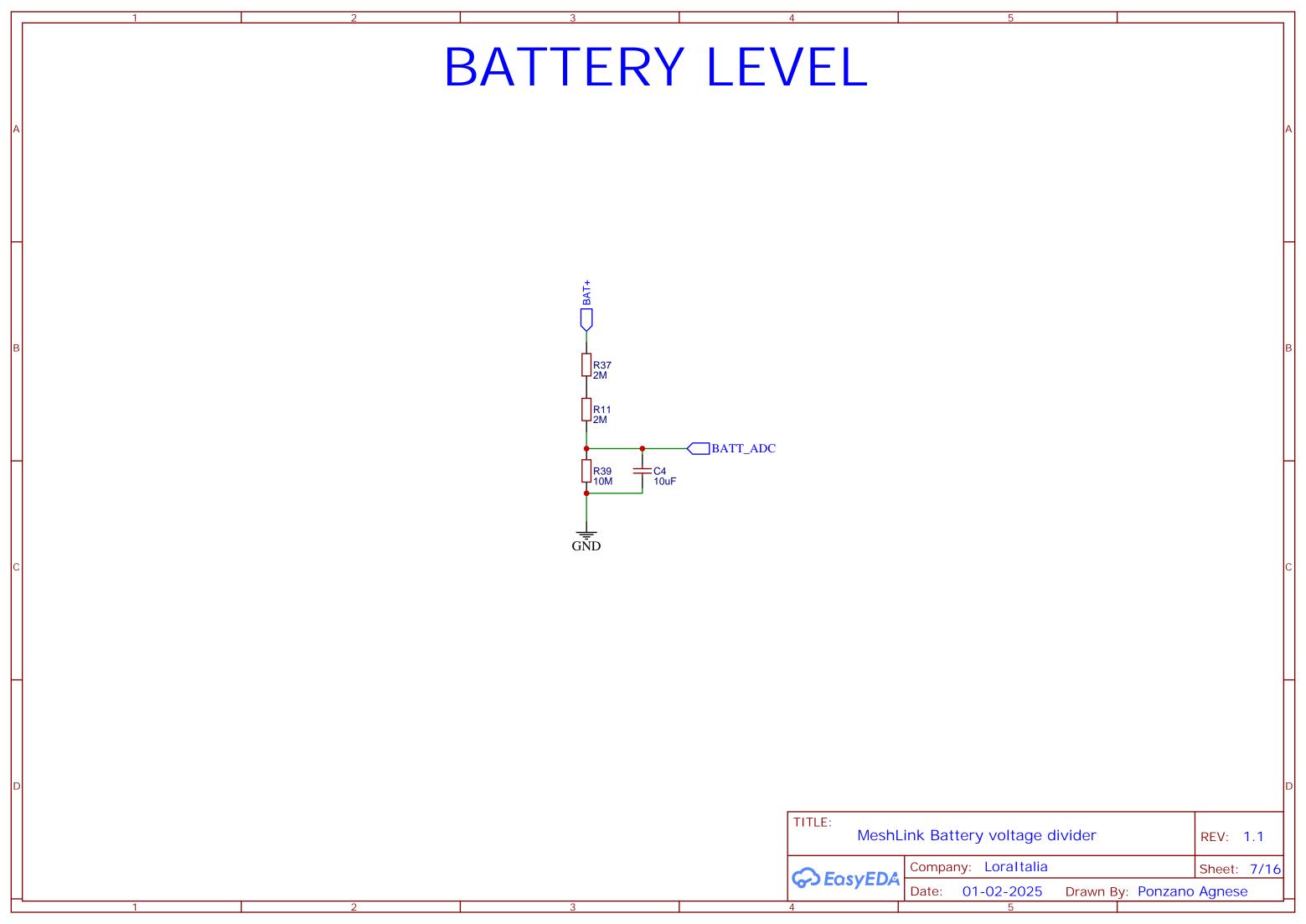
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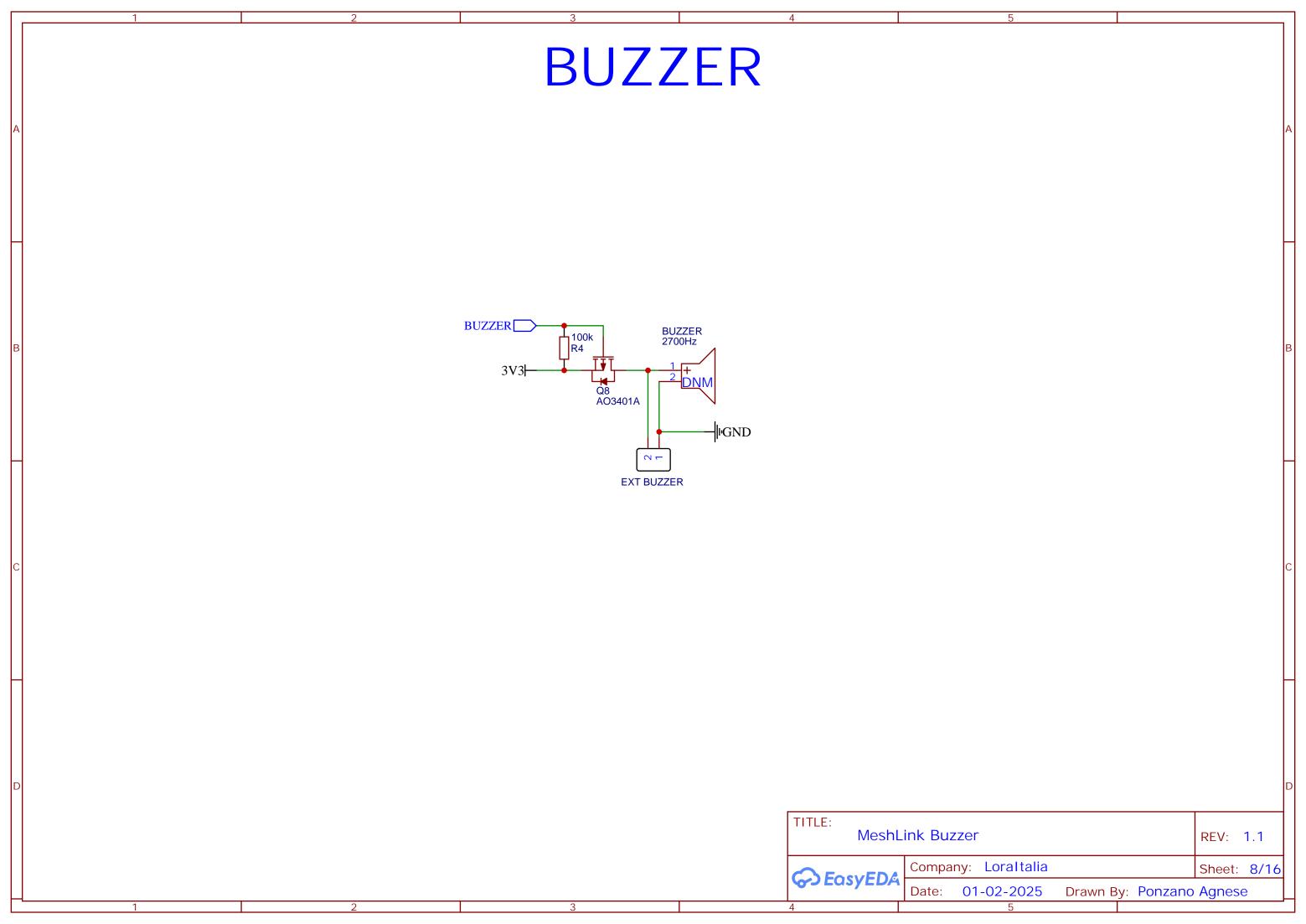
Company: LoraItalia

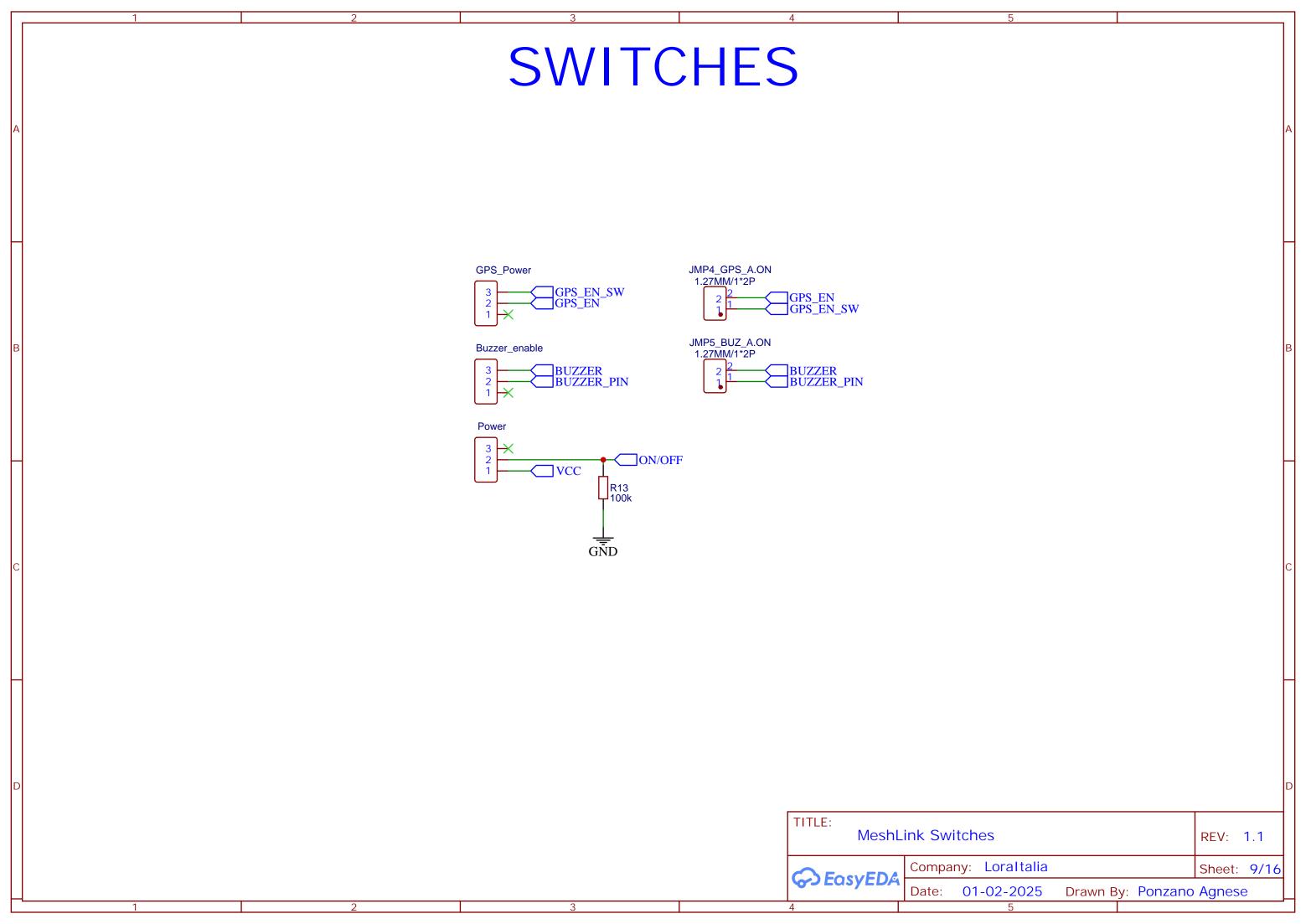
Sheet: 6/16

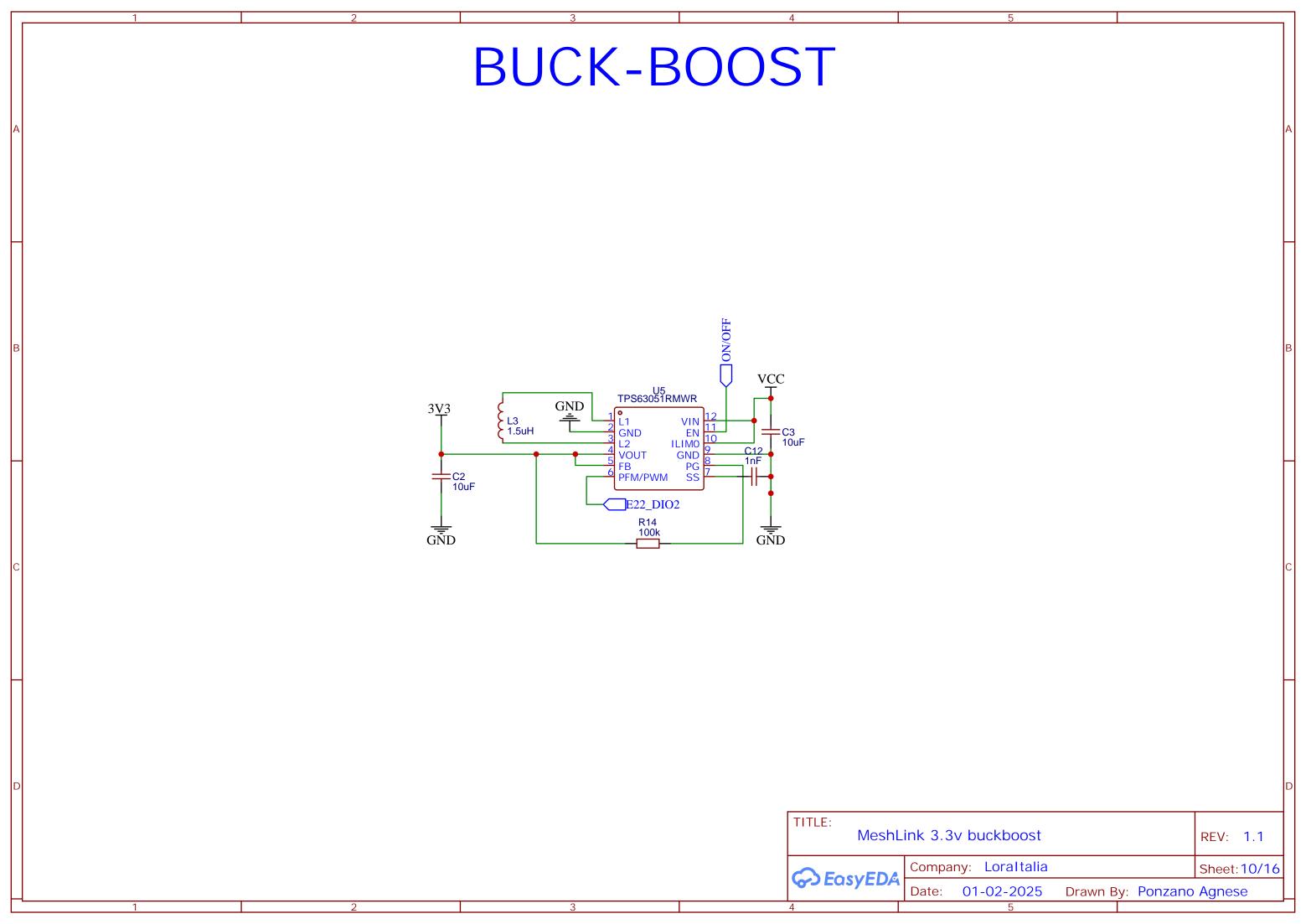
EasyEDA

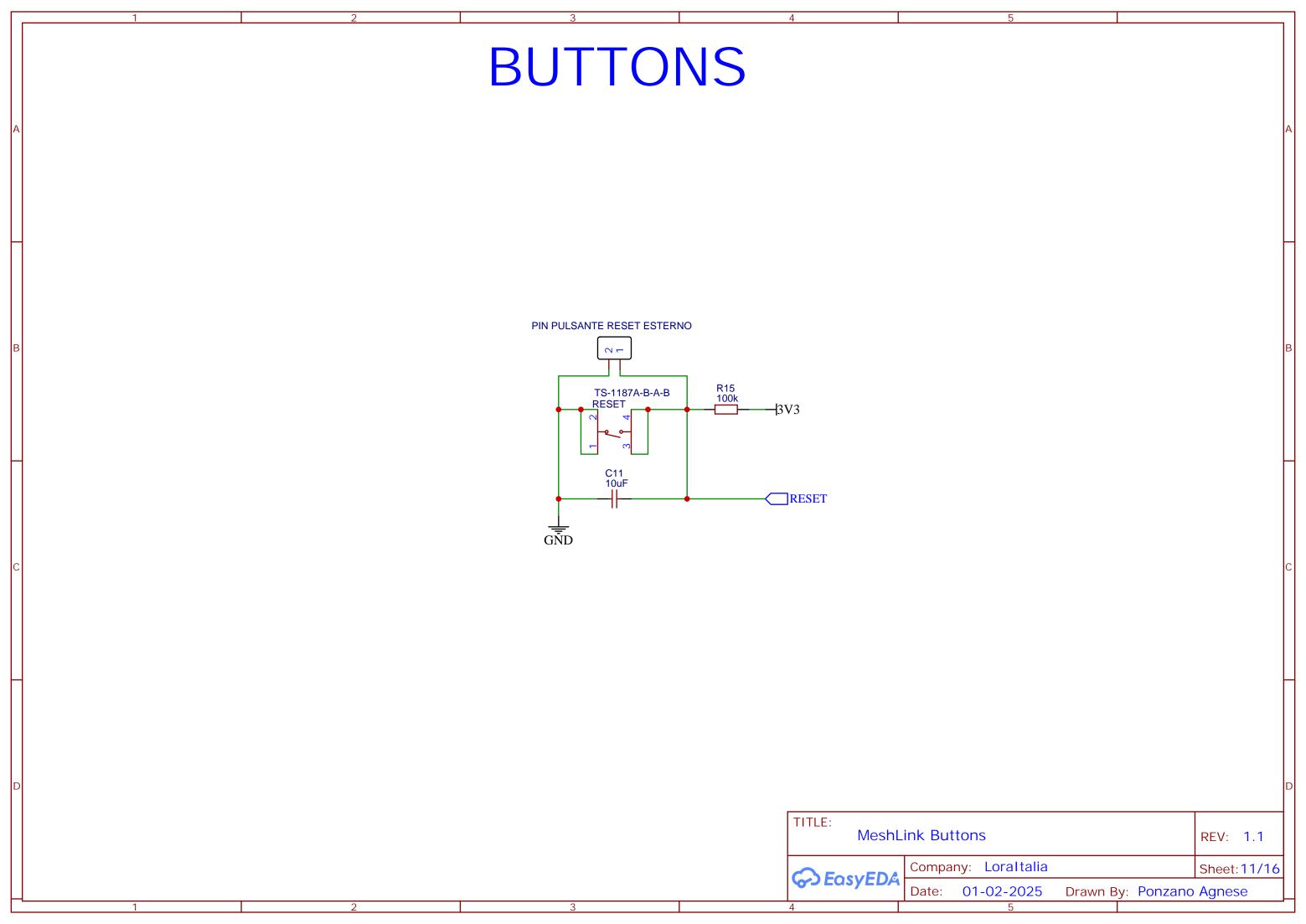
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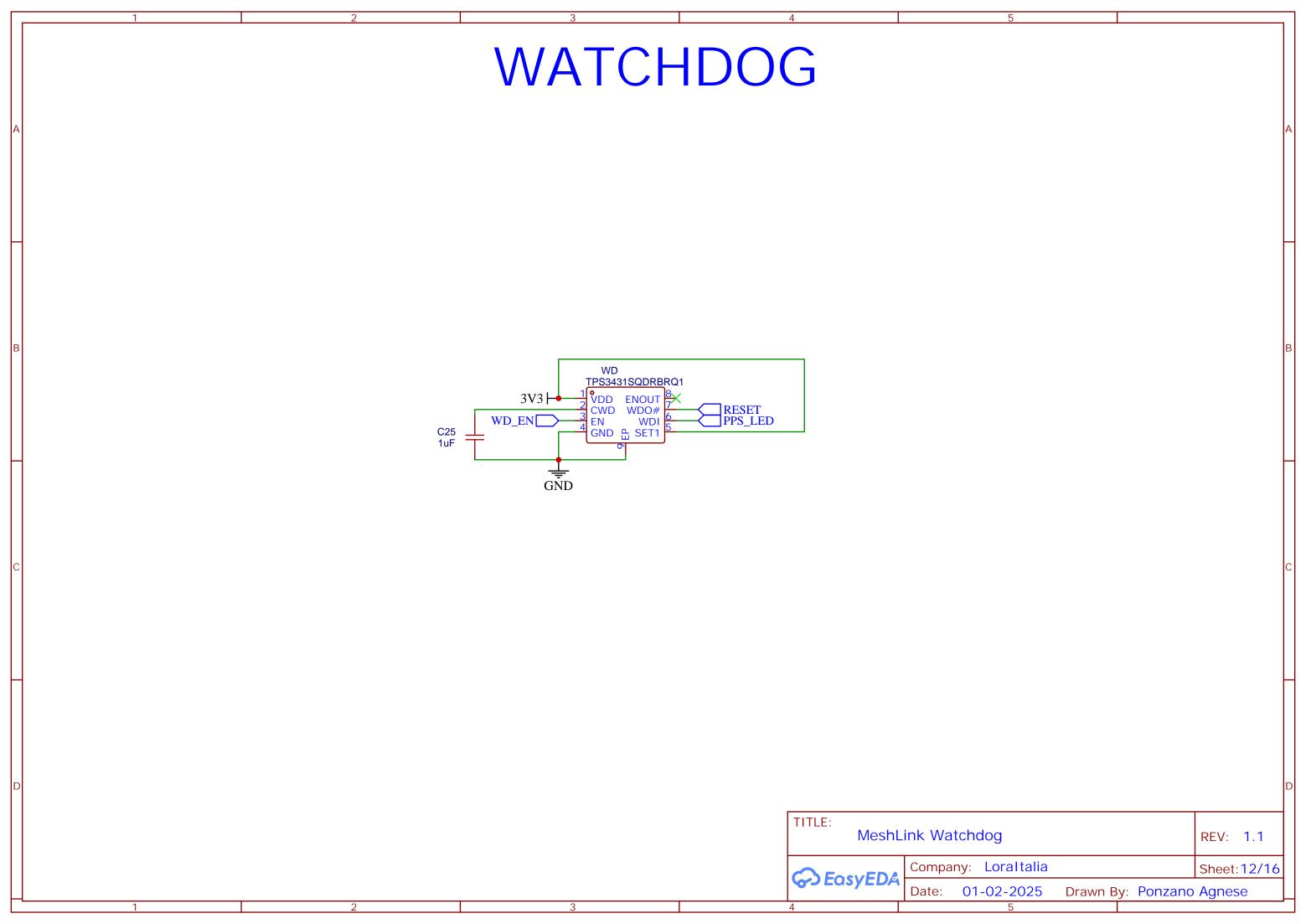


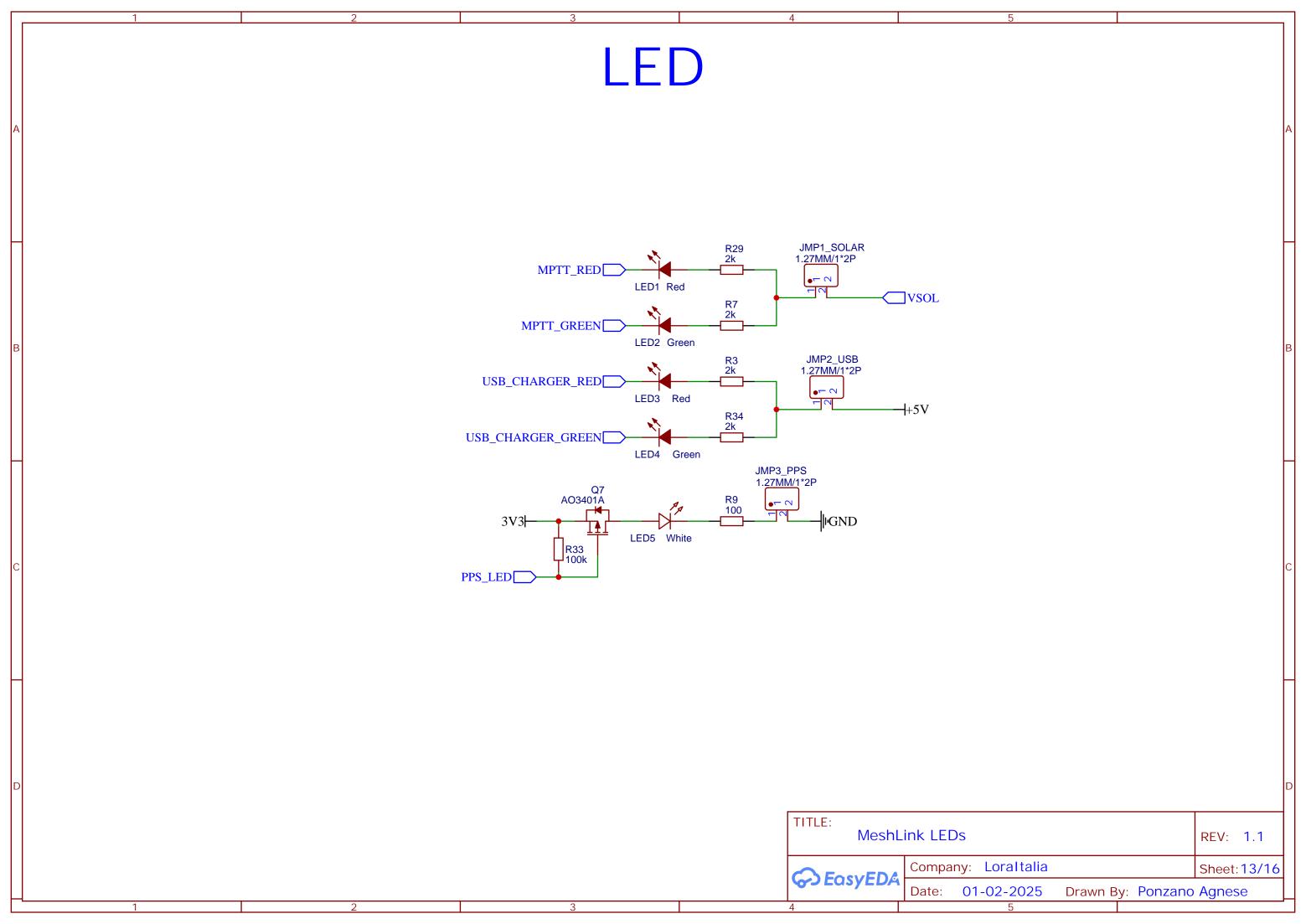


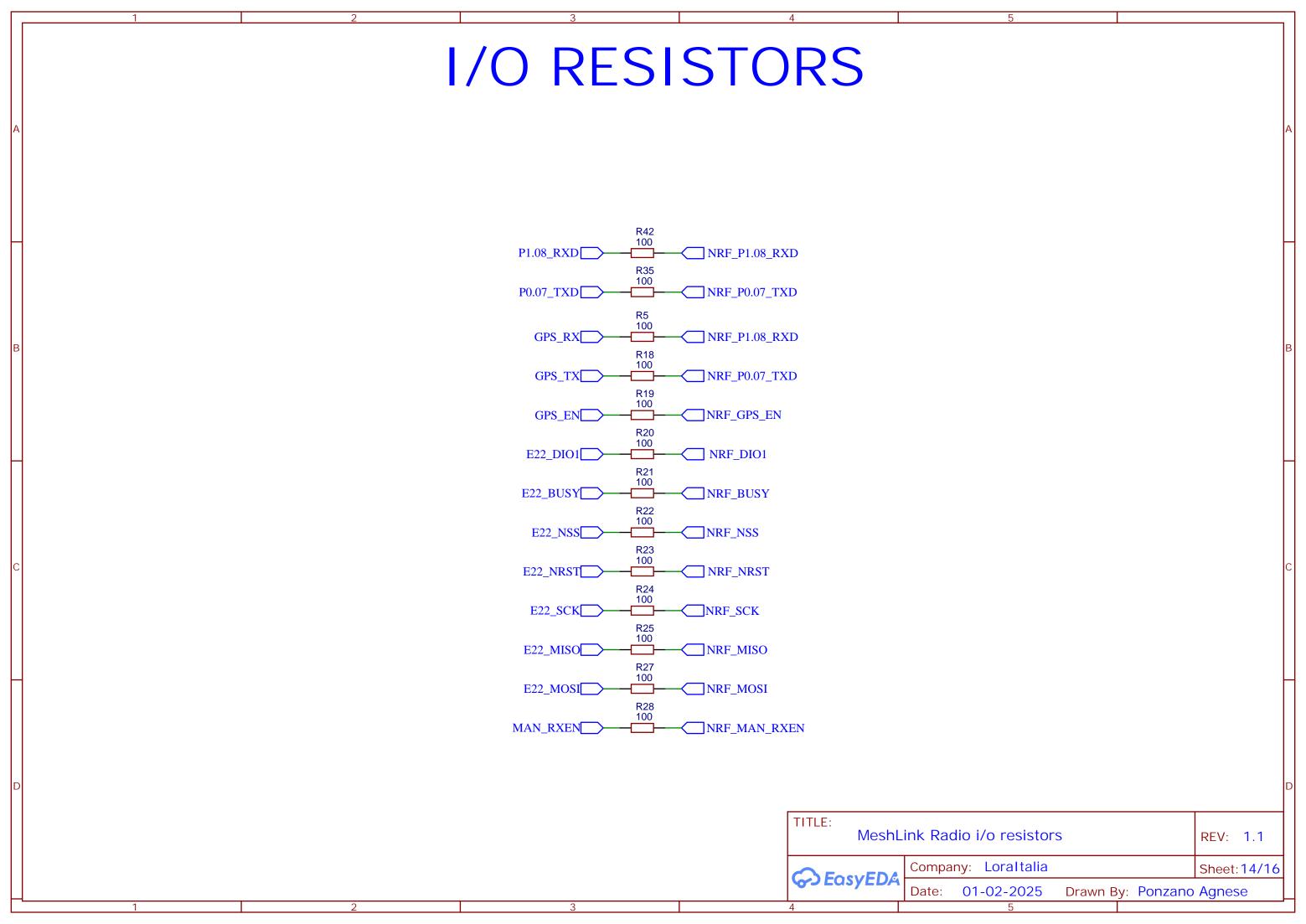


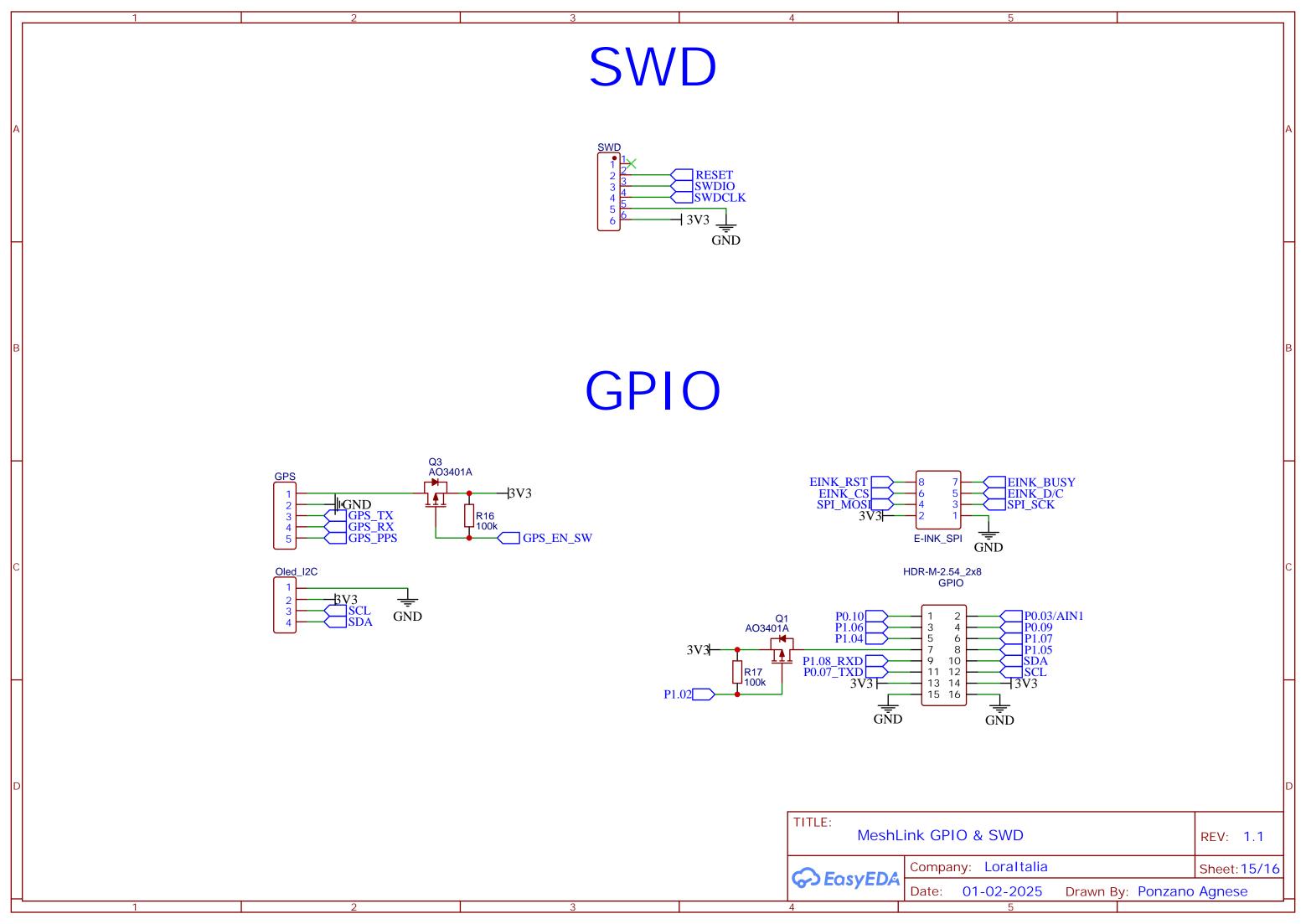




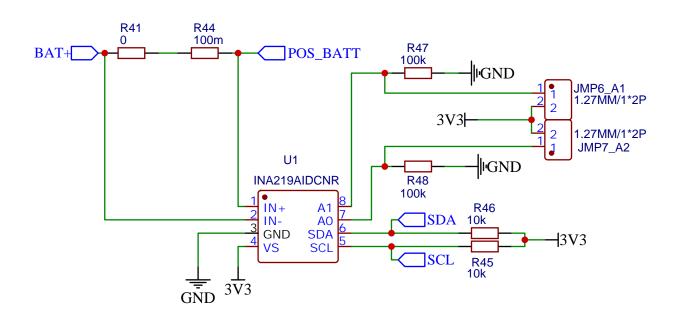


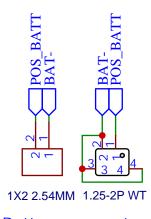






INA219





Battery connectors

TITLE: MeshLink INA219 REV: 1.1

EasyEDA

Company: Loraltalia Sheet: 16/16

Date: 01 02 2025 Prown Pv. Ponzano Agnese

Date: 01-02-2025 Drawn By: Ponzano Agnese