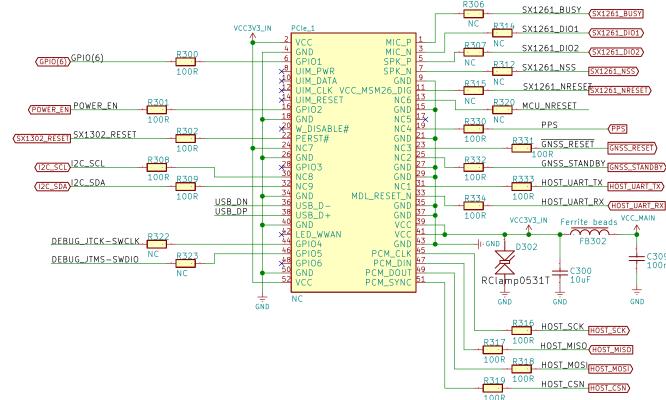


LoRa PCIe Gateway Interface - mini-PCIe Interface Connector & MCU USB Bridge

PCI Express Connector

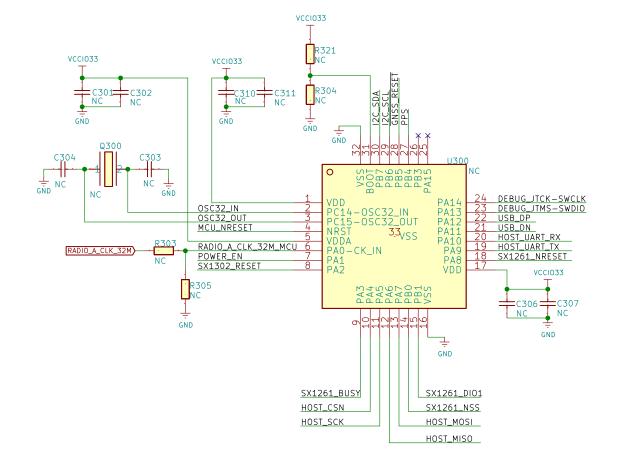


Series 0 ohm resistors = DNP when MCU/USB is used

MCU = DNP when Lora Gateway odule is used through SPI Interface over PCIe connector

SWCLK, SWDIO, and MCU_NRESET are connected to mini-PCle

VCC_MAIN comes from 5V or 3.3V



mini-PCle Interface Connector & MCU USB Bridge

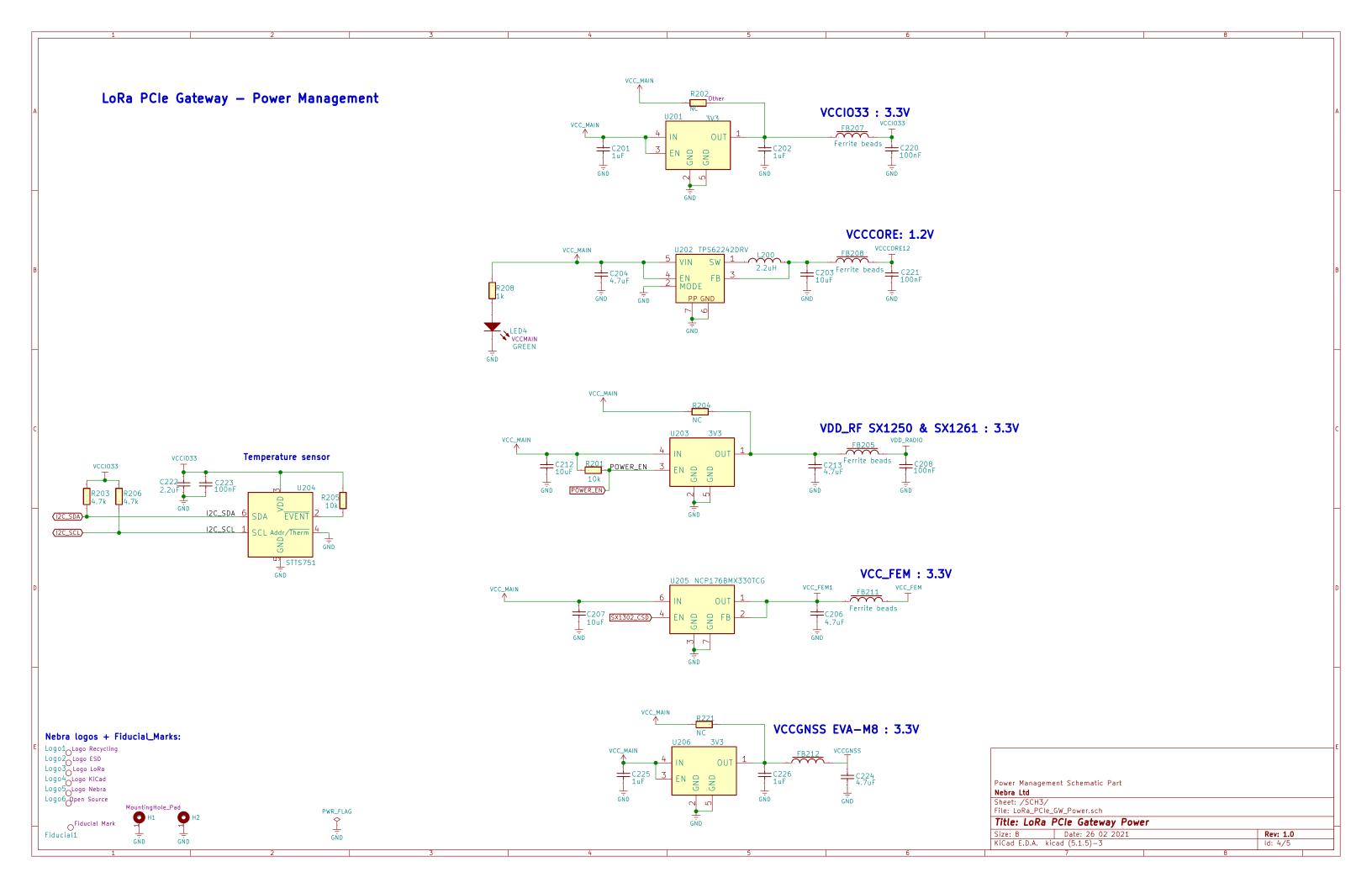
Nebra Ltd

Sheet: /SCH2/
File: LoRa_PCle_GW_Interface.sch

Title: LoRa PCle Gateway Interface

Size: B Date: 26 02 2021 Rev: 1.0

KiCad E.D.A. kicad (5.1.5)-3 Id: 3/5



LoRa PCIe Gateway - RF Part with 2x SX1250 RF Front-Ends:

32MHz TCXO - Clipped Sinewave Output See LoRa_Reference_Clock_Selection_V1.1 for recommended osc SKY66420-11 FEM Control lines: RF Front End Schematic Part Nebra Ltd Sheet: /SCH1/ Fite: LoRa_PCIe_GW_RF.sch Title: LoRa PCIe Gateway Rf Part Size: A2 Date: 26 02 2021 KiCad E.D.A. kicad (5.1.5)-3