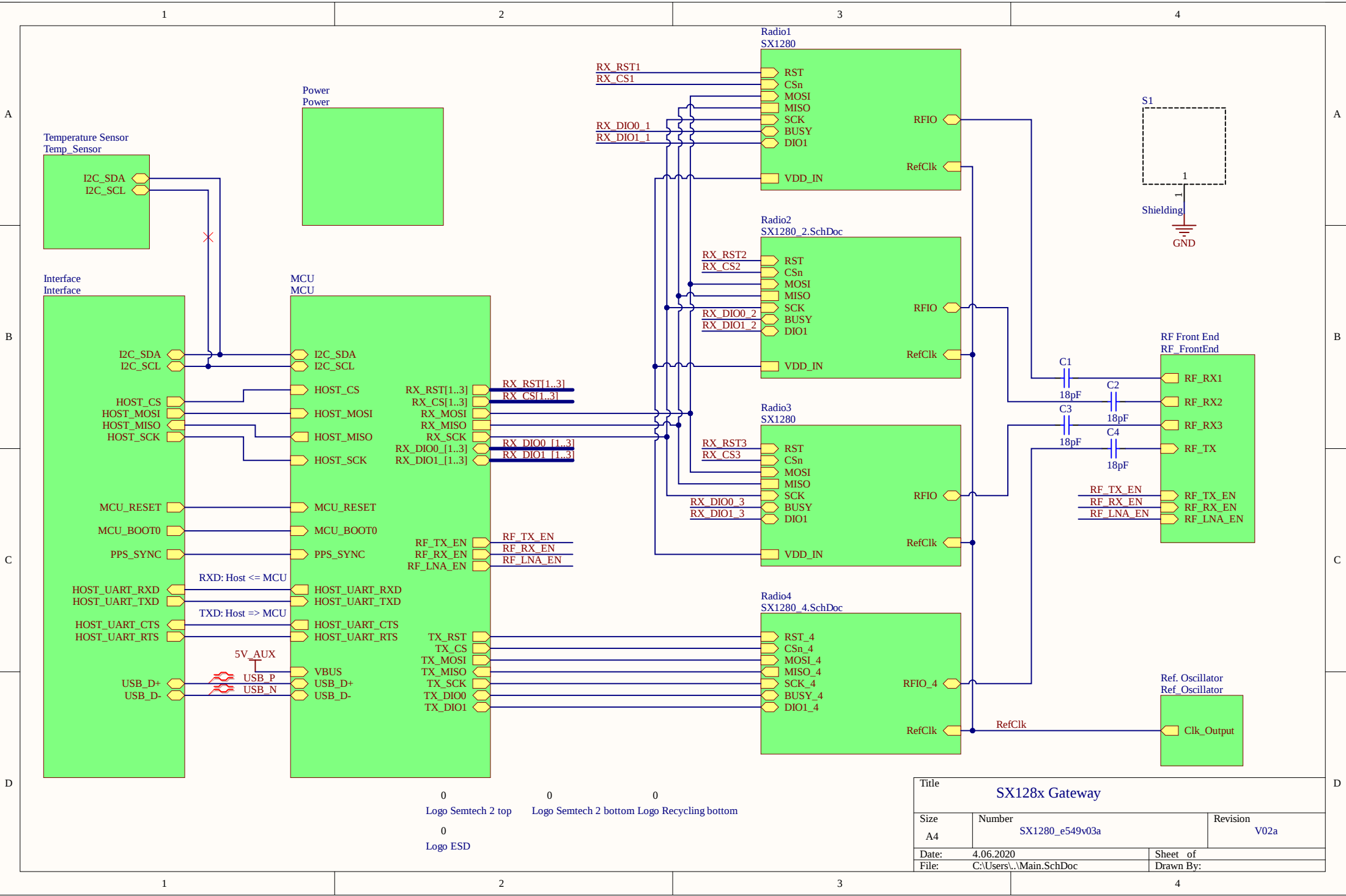


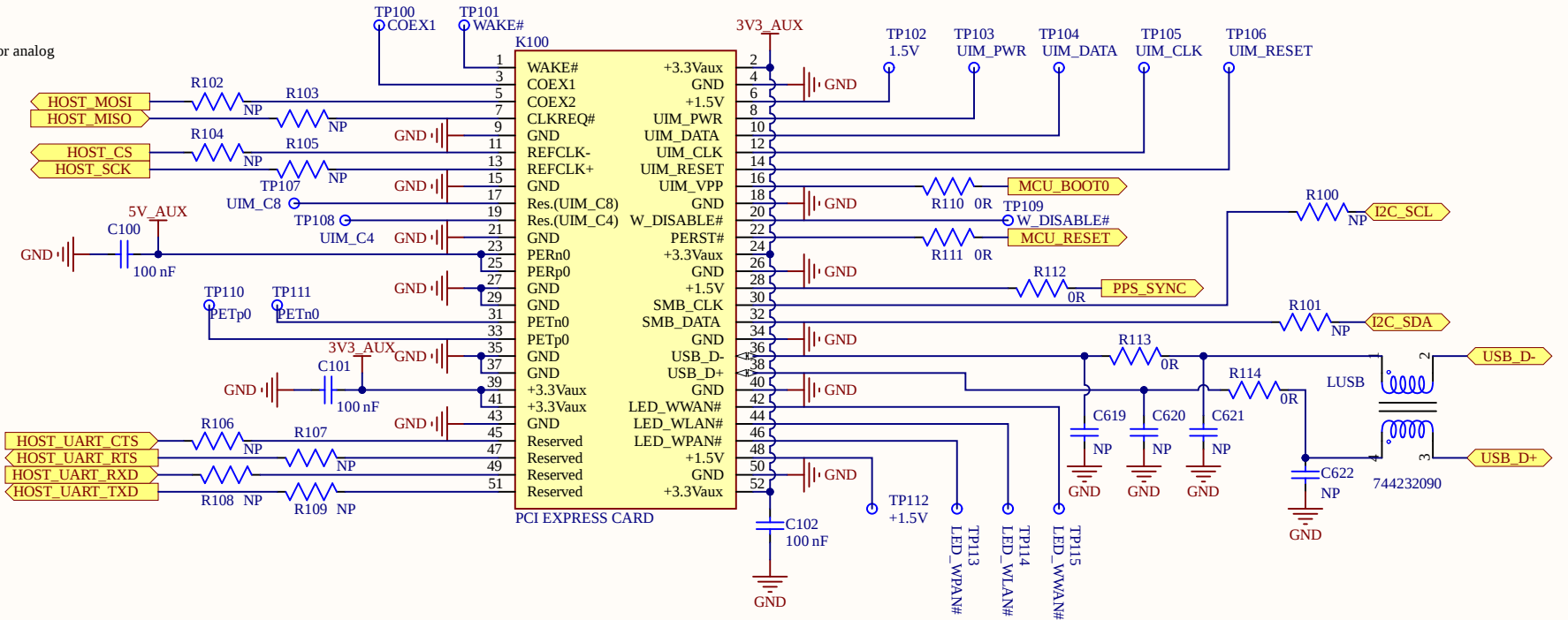


Title		
SX128x Gateway		
Size	Number	Revision
A4	SX1280_e549v03a	V02a
Date:	4.06.2020	Sheet of
File:	C:\Users\...\Main.SchDoc	Drawn By:

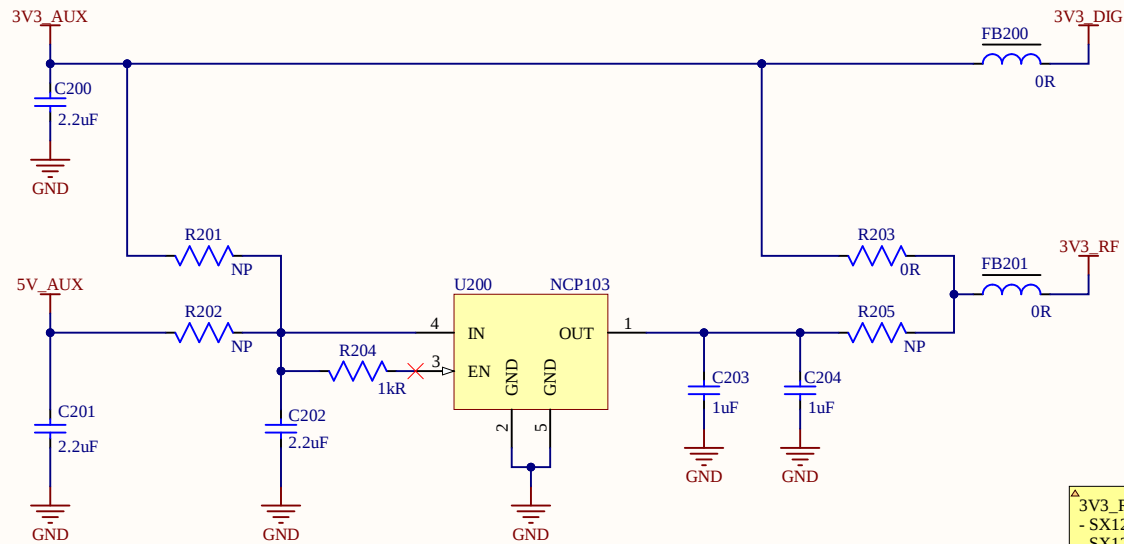
Power supply:
+5V_Aux: Suitable for digital
+3V3_Aux: Suitable for digital or analog

Communication:
USB
UART
SPI (legacy)

CTS: MCU => Host
RTS: Host => MCU
RXD: MCU => Host
TXD: Host => MCU



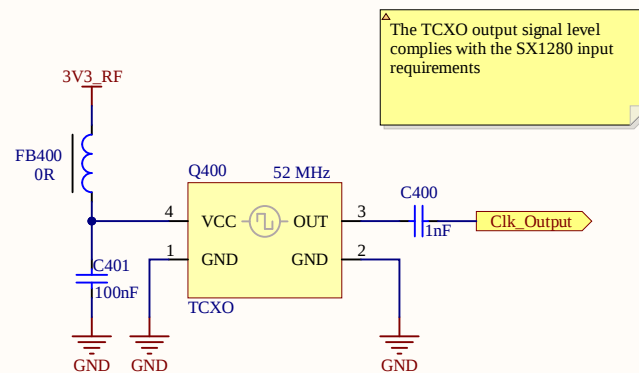
Title		
SX128x Gateway - Interface		
Size	Number	Revision
A4	SX1280_e549v04a	V04a
Date:	4.06.2020	Sheet of
File:	C:\Users\...\Interface.SchDoc	Drawn By:



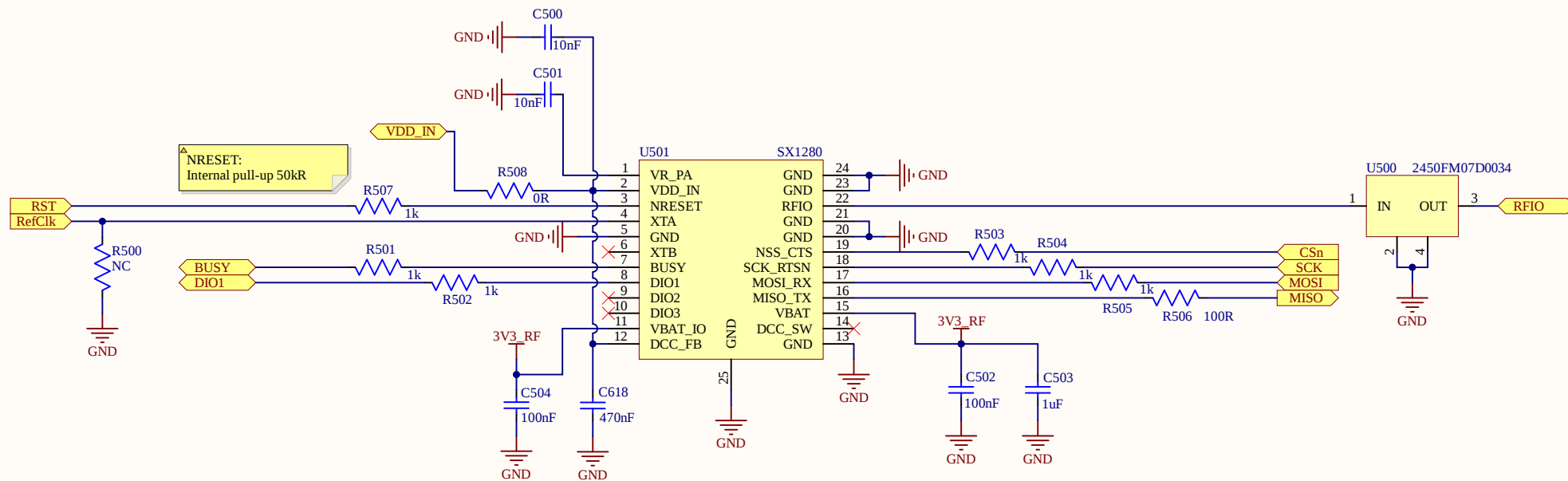
3V3_RF Current consumption
 - SX1280 Tx 12.5 dBm = 24 mA typ.
 - SX1280 Rx high sensi mode LoRa = 8.2 mA typ.
 - TCXO = 2.2 mA max.
 - LNA + Switch = 12 mA max.
 => Typ. current consumption = 63 mA
 => Current consumption with 25% margin = 80 mA

3V3_DIG Current consumption
 - MCU 57 mA typ. / 62 mA max.
 - Temp sensor: negligible
 - LED: 5 mA each
 => Current consumption : 77 mA typ.
 => Current consumption with 25% margin = 100mA

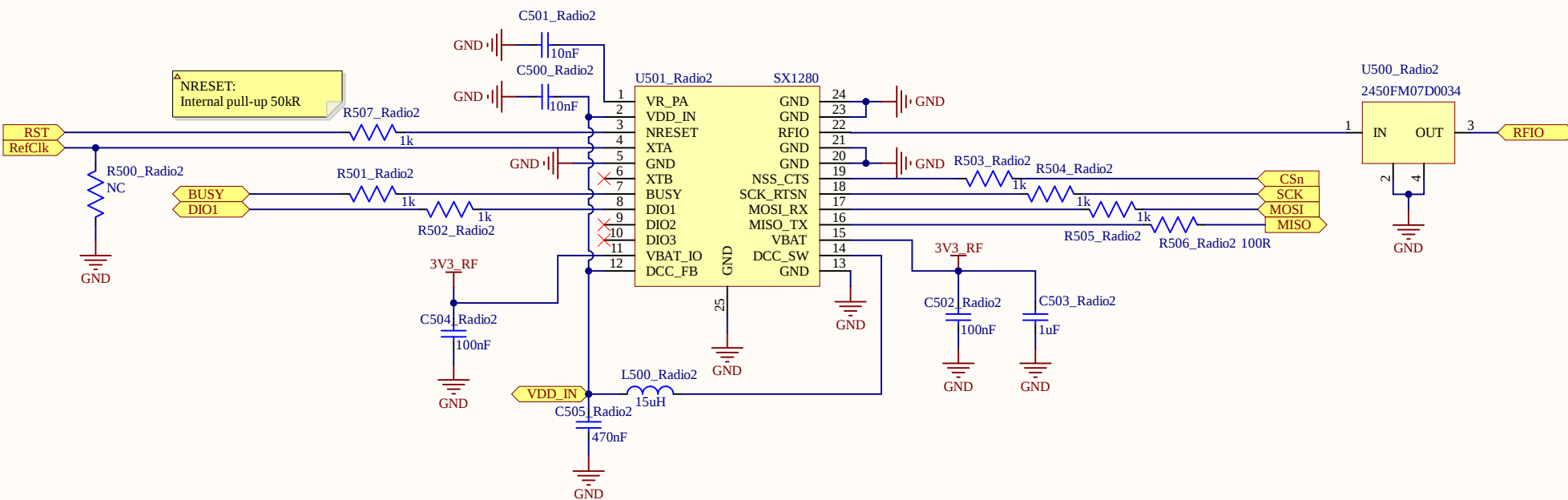
Title SX128x Gateway- Power		
Size A4	Number SX1280_e549v04a	Revision V04a
Date: 4.06.2020	Sheet of	
File: C:\Users\...\Power.SchDoc	Drawn By: P. Calvet	



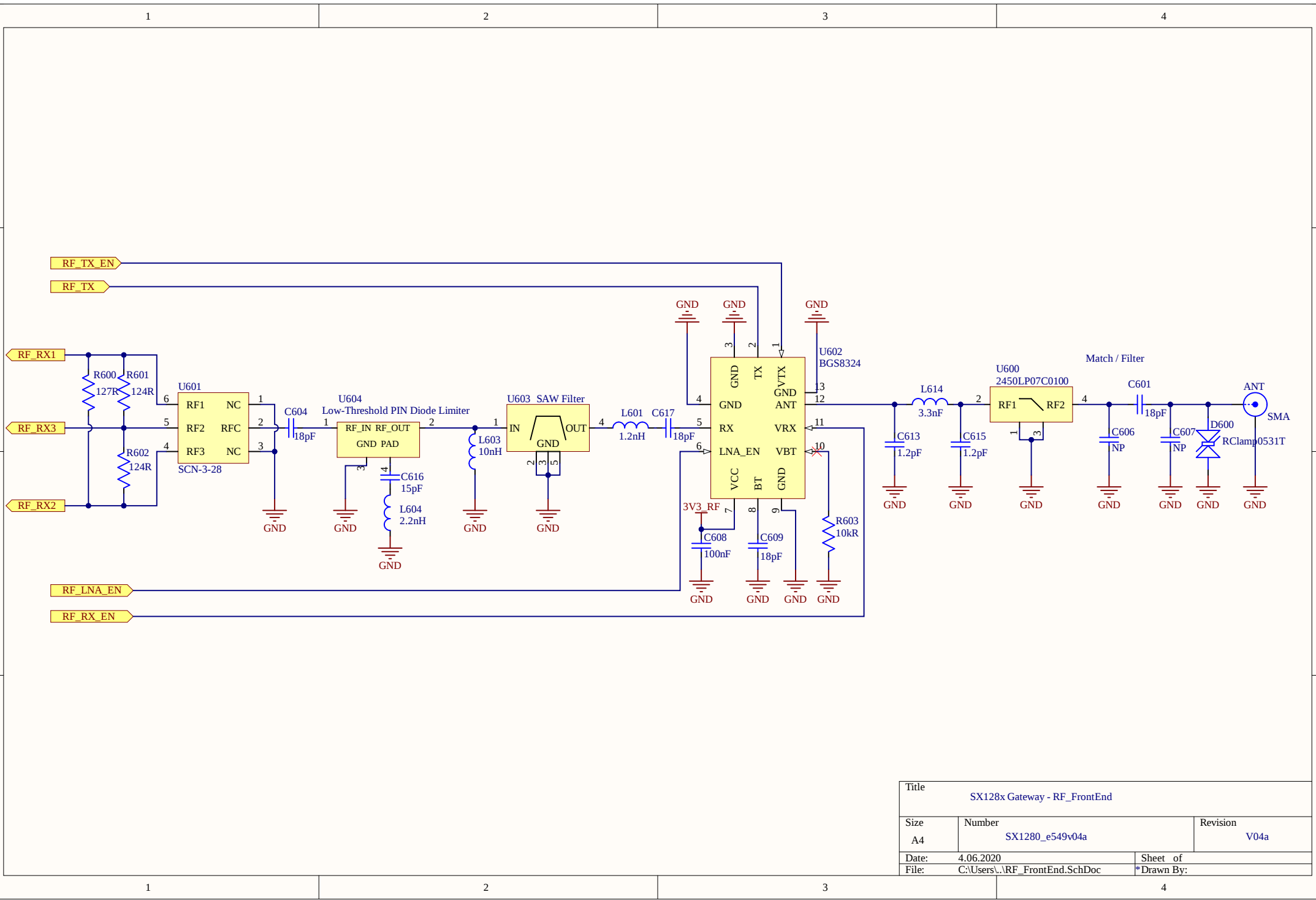
Title			SX128x Gateway - Reference oscillator
Size	Number	Revision	
A4	SX1280_e549v04a	V04a	
Date:	4.06.2020	Sheet	of
File:	C:\Users\...\Ref_oscillator.SchDoc	Drawn By:	

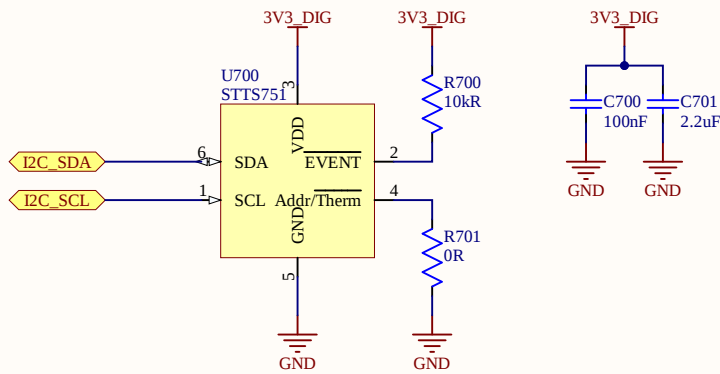


Title		
SX128x Gateway - SX128x Radio 1-3		
Size	Number	Revision
A4	SX1280_e549v04a	V04a
Date:	4.06.2020	Sheet of
File:	C:\Users\...\SX1280.SchDoc	Drawn By:



Title		
SX128x Gateway - SX128x Radio 2		
Size	Number	Revision
A4	SX1280_e549v04a	V04a
Date:	4.06.2020	Sheet of
File:	C:\Users\...\SX1280_2.SchDoc	Drawn By:





Title			SX128x Gateway - Temperature sensor	
Size	Number	Revision		
A4	SX1280_e549v04a	V04a		
Date:	4.06.2020	Sheet of		
File:	C:\Users\...\Temp_Sensor.SchDoc	Drawn By:		

