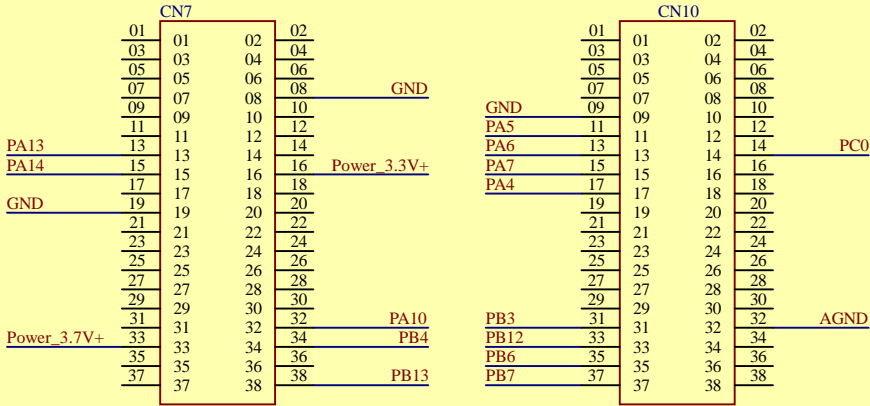
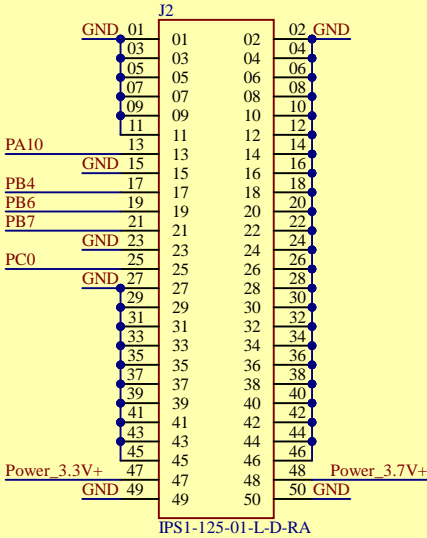


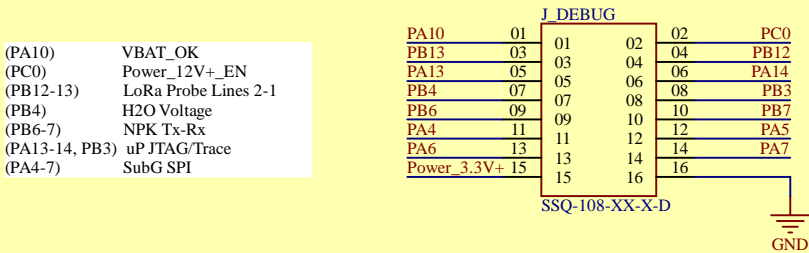
NUCLEO-WL55JC2



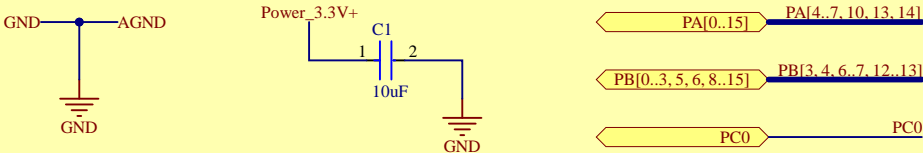
NANO ASSIGNMENTS



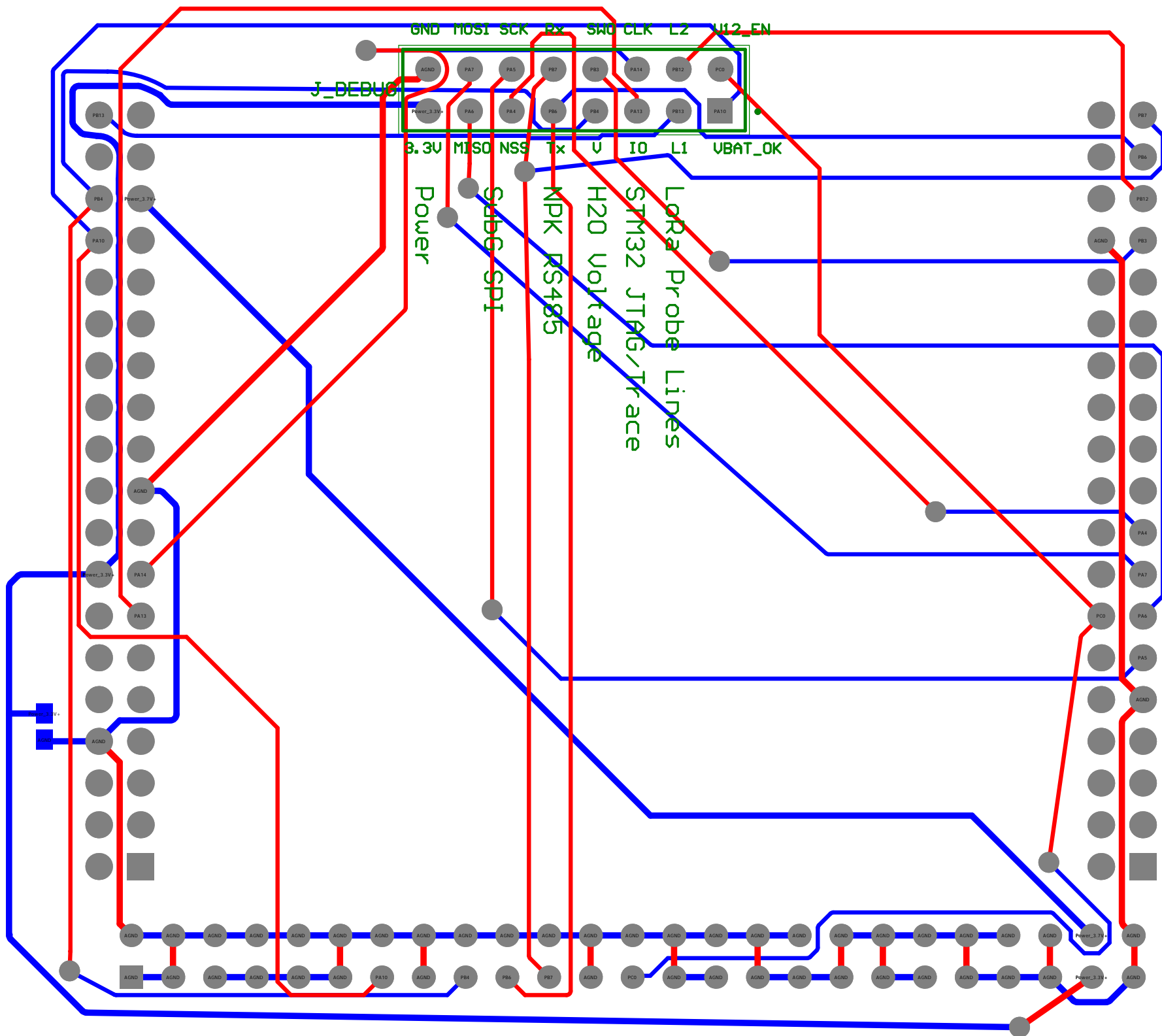
DEBUGGING



CONNECTIONS



Title		
Size	Number	Revision
Legal		
Date:	11/27/2024	Sheet of
File:	C:\Users\...\uP_Riser.SchDoc	Drawn By:



GND MOSI SCK Rx SWD CLK L2 U12_EN
J_DEBUG
3.3V MISO NSS Tx H20 Voltage I/O L1 VBAT_OK

Power

SubG SPI

NPK RS485

H20 Voltage

STM32 JTAG/Trace

LoRa Probe Lines

CN10

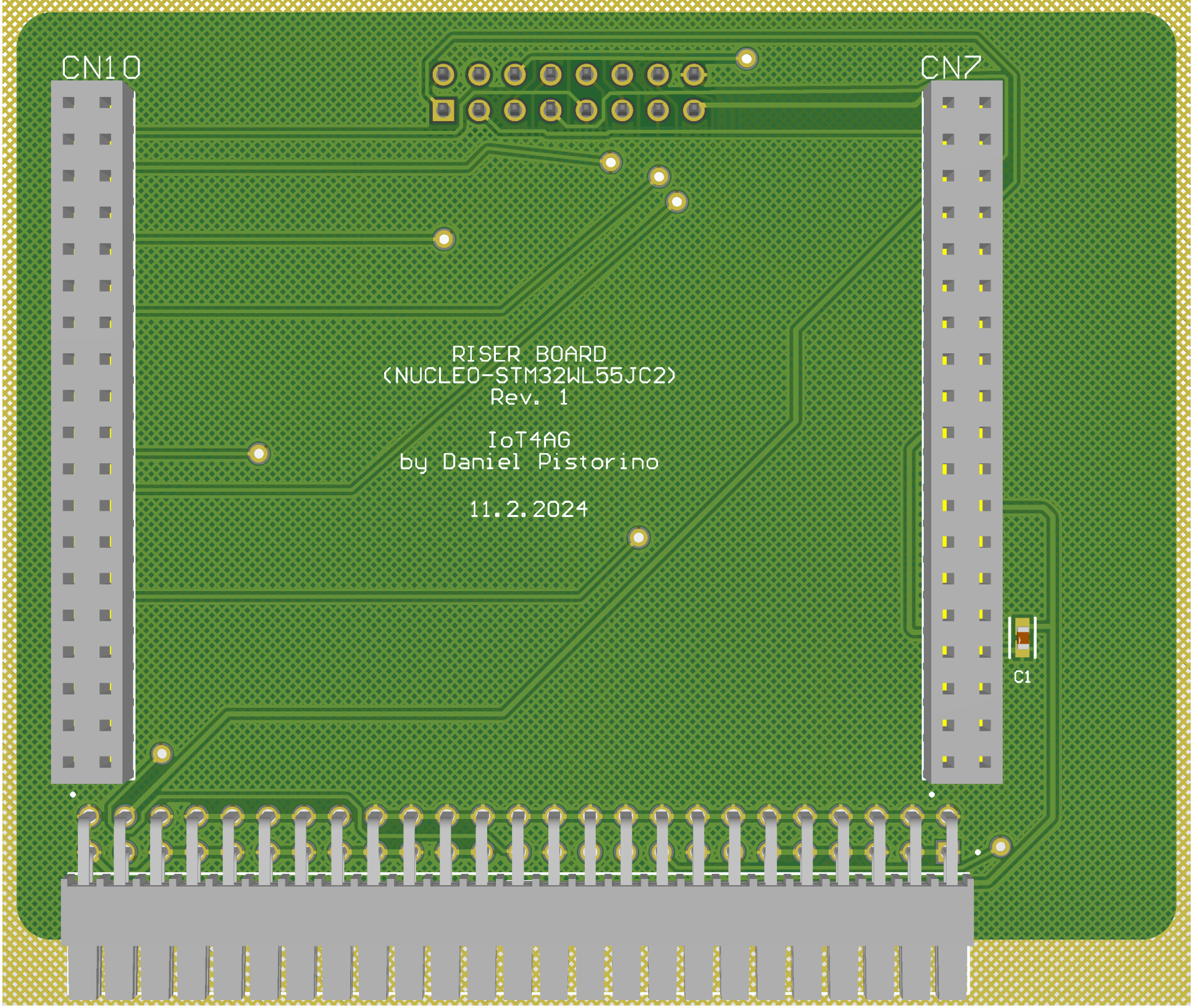
CN7

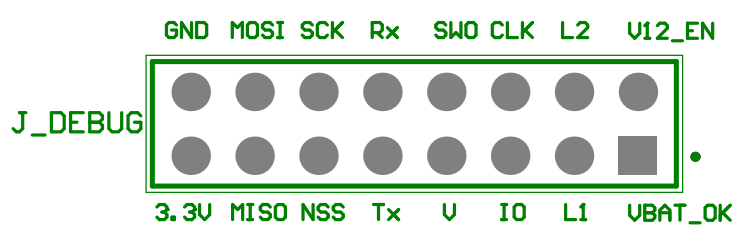
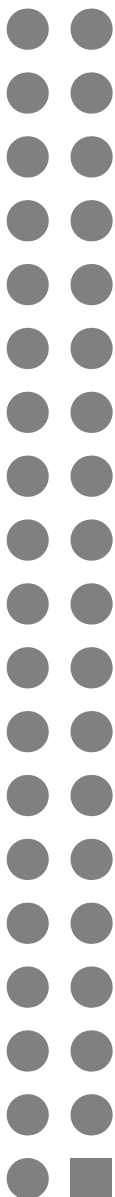
RISER BOARD
(NUCLEO-STM32WL55JC2)
Rev. 1

IoT4AG
by Daniel Pistorino

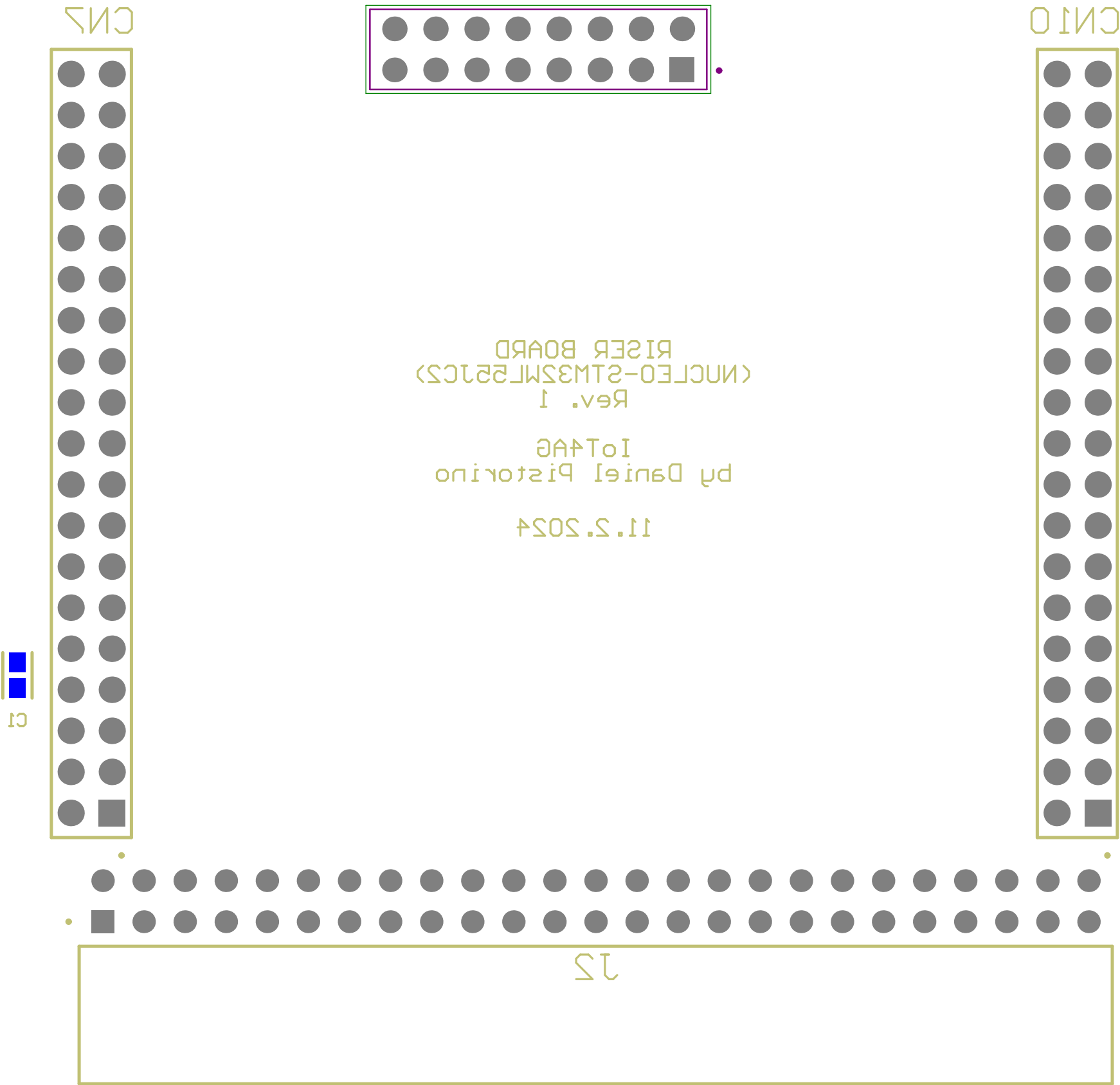
11.2.2024

C1





LoRa Probe Lines
STM32 JTAG/Trace
H2O Voltage
NPK RS485
SubG SPI
Power



Bill of Materials

Project Title: Bill of Materials for BOM Document [uP_Riser.BomDoc]
Project File Name: uP_Riser.PrjPcb
Assembly Variant: None

Altium

2175 Salk Avenue
Suite 200
Carlsbad, CA 92008
USA

Part Number	Description	Designator	Manufacture	Manufacture Part Number	Supplier	Supplier Part Number	Supplier Unit Price	Quantity
CMP-2006-02792-	Chip Multilayer Ceramic Capacitors for General Purpose, 0603, 10uF, X5R, 15%, 20%, 6.3V	C1	Murata	GRM188R60J106ME47D	Mouser	81-GRM188R60J106ME47	\$0.12	1
SSW-119-01-X-D	SSW Series .100" Tiger Buyâ„¢ Socket Strip	CN7, CN10	Samtec	SSW-119-01-S-D-LL	Samtec	SSW-119-01-S-D-LL	\$5.53	2
IPS1-125-01-L-D-R	50 Position Receptacle Connector 0.100 (2.54mm) Through Hole, Right Angle Gold	J2	Samtec	IPS1-125-01-L-D-RA	Mouser	200-IPS112501LDRA	\$6.30	1
SSQ-108-XX-X-D	SSQ - Samtec 2.54mm Square Tail Dual Row Socket Strip 8.5mm Profile - Fast Stock	J_DEBUG	Samtec	SSQ-108-01-S-D-LL	Samtec	SSQ-108-01-S-D-LL	\$3.57	1
							\$15.52	5

Approved	Notes
----------	-------