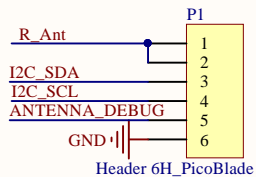


Antenna Deployer I2C Bus



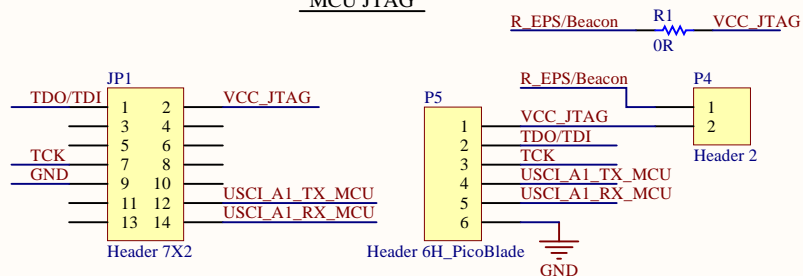
Debugger Header MCU



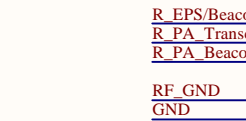
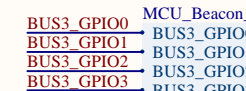
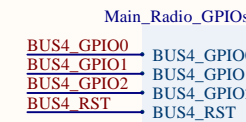
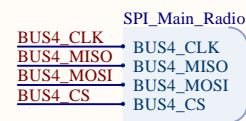
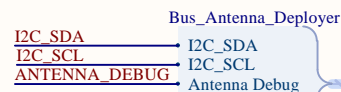
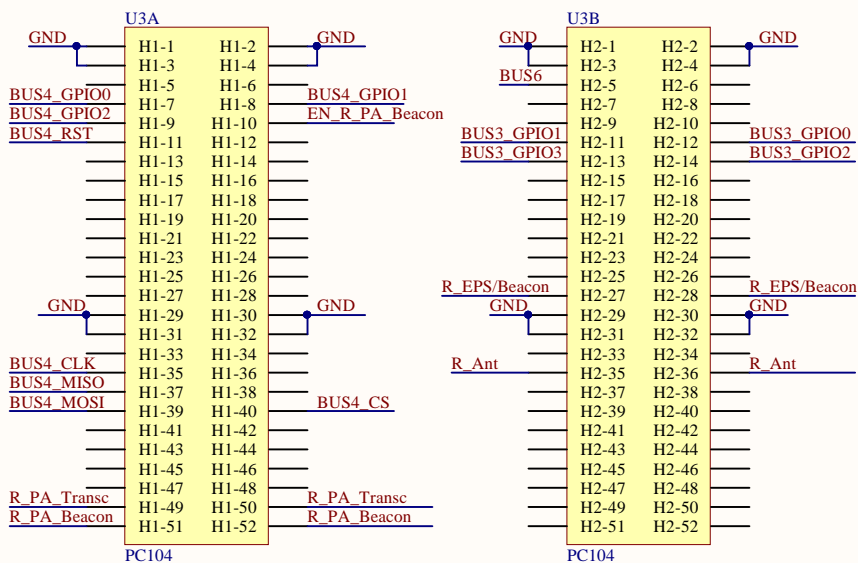
Debugger Header RF



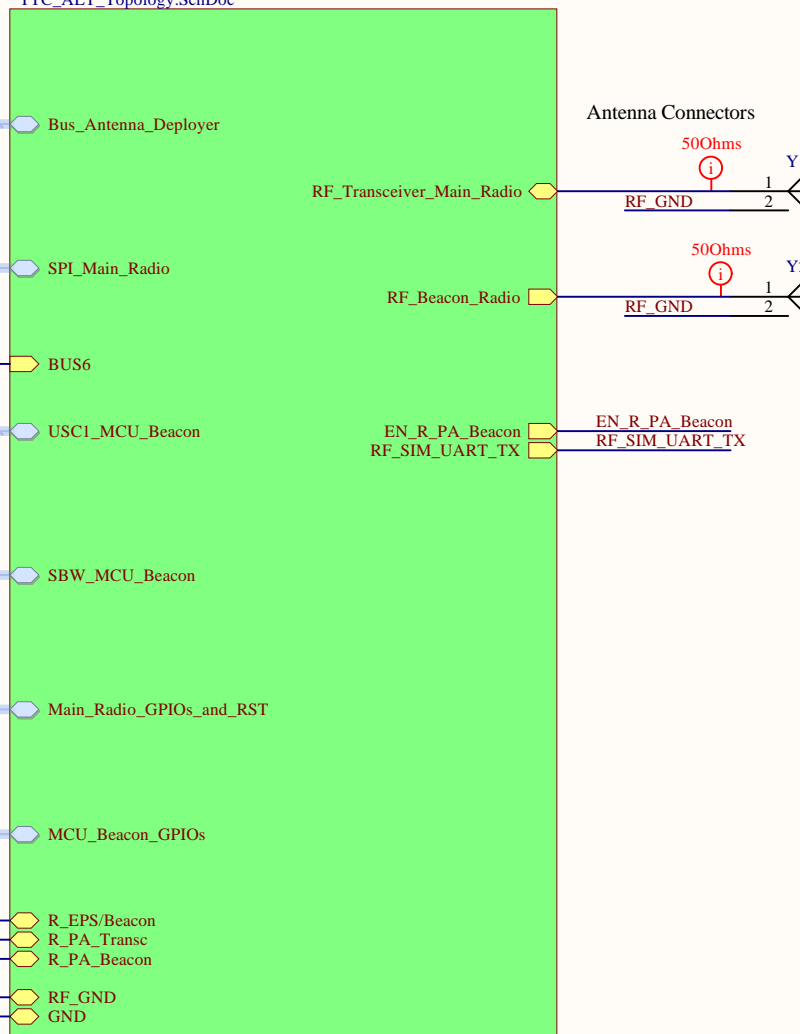
MCU JTAG



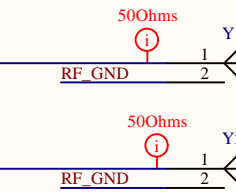
PC104 Connect



GROUNDING

INTERFACE
TTC_ALT_Topology.SchDoc

Antenna Connectors

EN_R_PA_Beacon
RF_SIM_UART_TXTitle: **TT&C Interface**

Project: FloripaSat

Size: A4 Sheet 1 of 5 Revision: V1

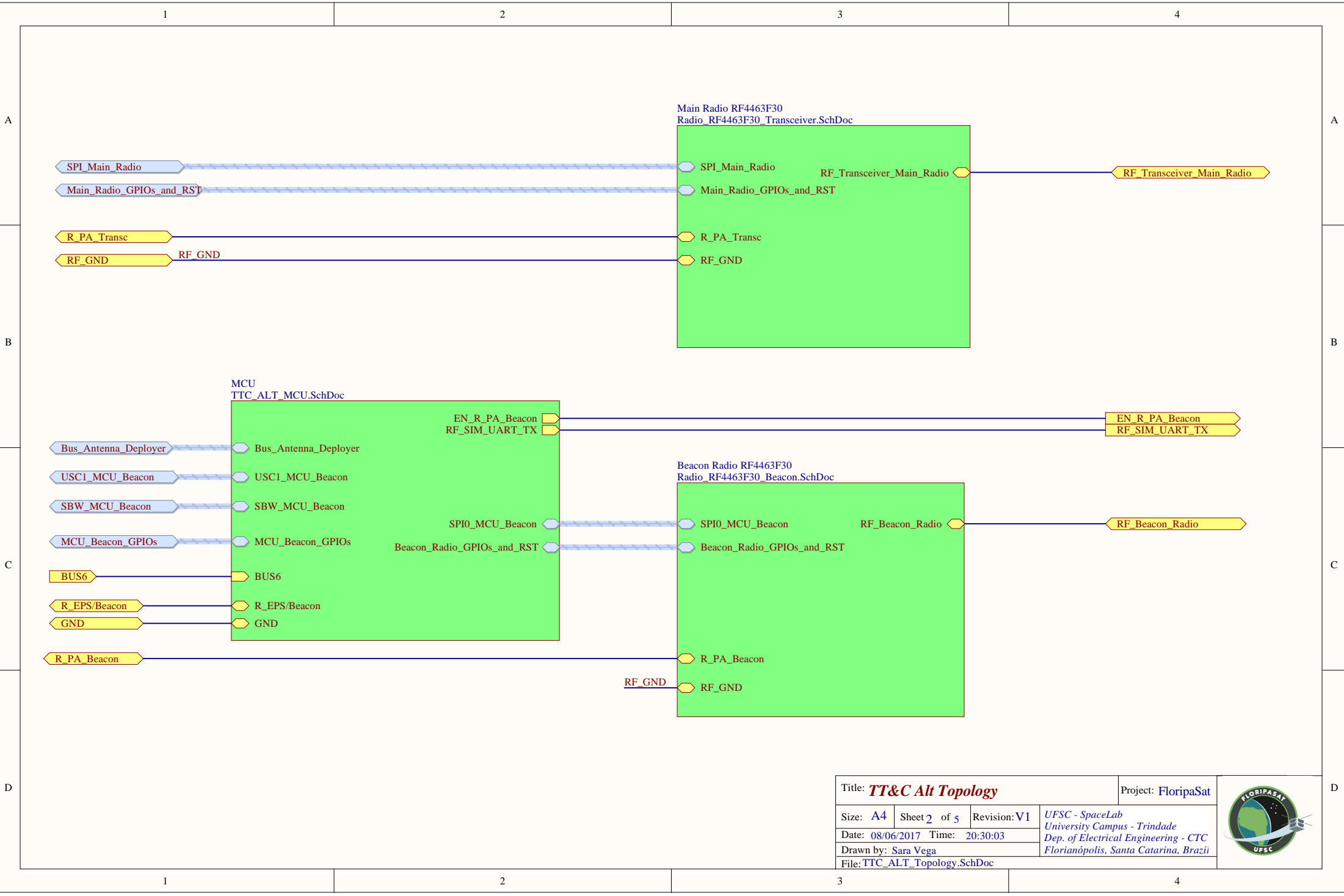
Date: 08/06/2017 Time: 20:30:03

Drawn by: Sara Vega

File: TT_C_Interface.SchDoc

UFSC - SpaceLab
University Campus - Trindade
Dep. of Electrical Engineering - CTC
Florianópolis, Santa Catarina, Brazil





Title: ***TT&C Alt Topology***

Project: **FloripaSat**

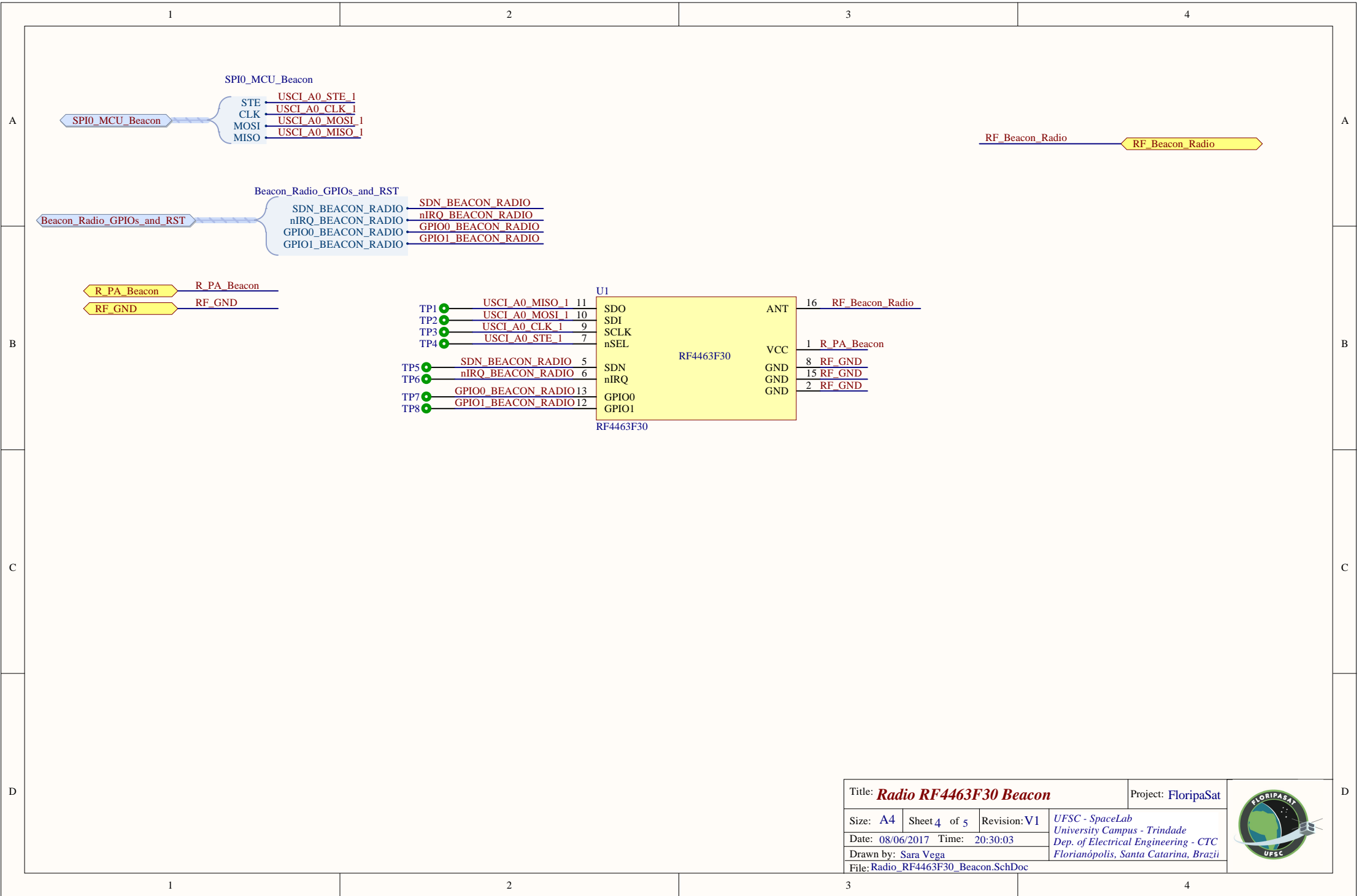
Size: **A4** Sheet **2** of **5** Revision: **V1**

*UFSC - SpaceLab
University Campus - Trindade
Dep. of Electrical Engineering - CTC
Florianópolis, Santa Catarina, Brazil*

Drawn by: **Sara Vega**

File: **TTC_ALT_Topology.SchDoc**





1

2

3

4

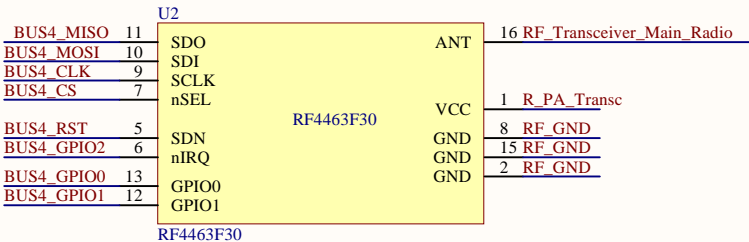
SPI_Main_Radio



Main_Radio_GPIOs_and_RST



Note:
Bus4_Rst is BUS4_SDN
(Power down control)



A

A

B

B

C

C

D

D

Title: Radio RF4463F30 Transceiver			Project: FloripaSat
Size: A4	Sheet 5 of 5	Revision: V1	UFSC - SpaceLab University Campus - Trindade Dep. of Electrical Engineering - CTC Florianópolis, Santa Catarina, Brazil
Date: 08/06/2017 Time: 20:30:03			
Drawn by: Sara Vega			
File: Radio_RF4463F30_Transceiver.SchDoc			

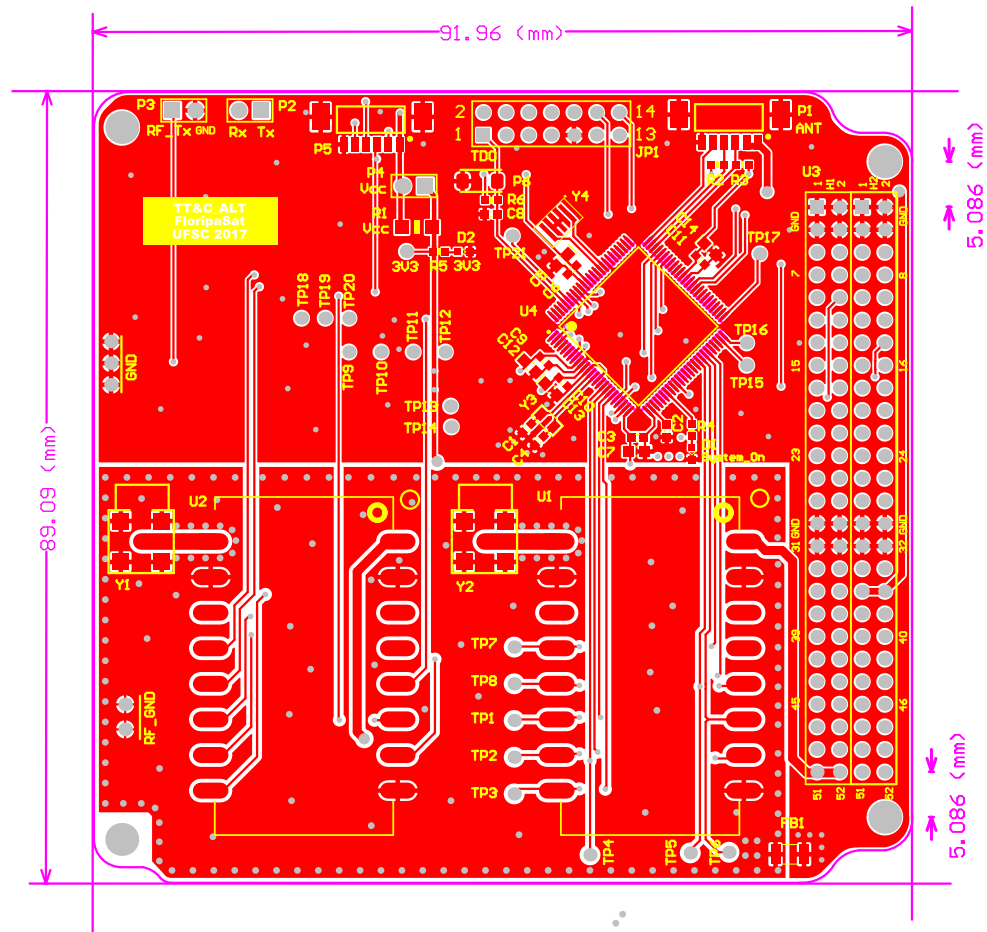


1

2

3

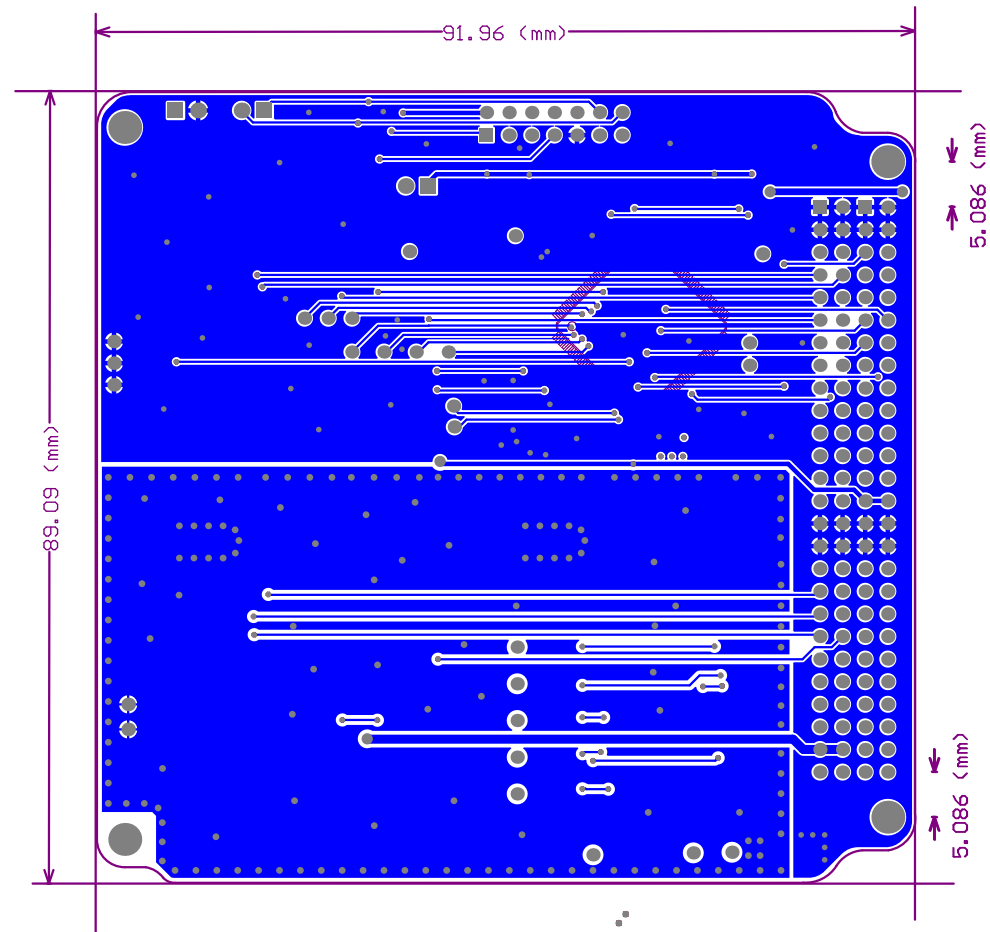
4



General SPEC:

Copper base 10Z:
PCB Material: FR4
PCB Thickness: 1.6mm
PCB Surface: HAL
Vias: Force Complete Tenting

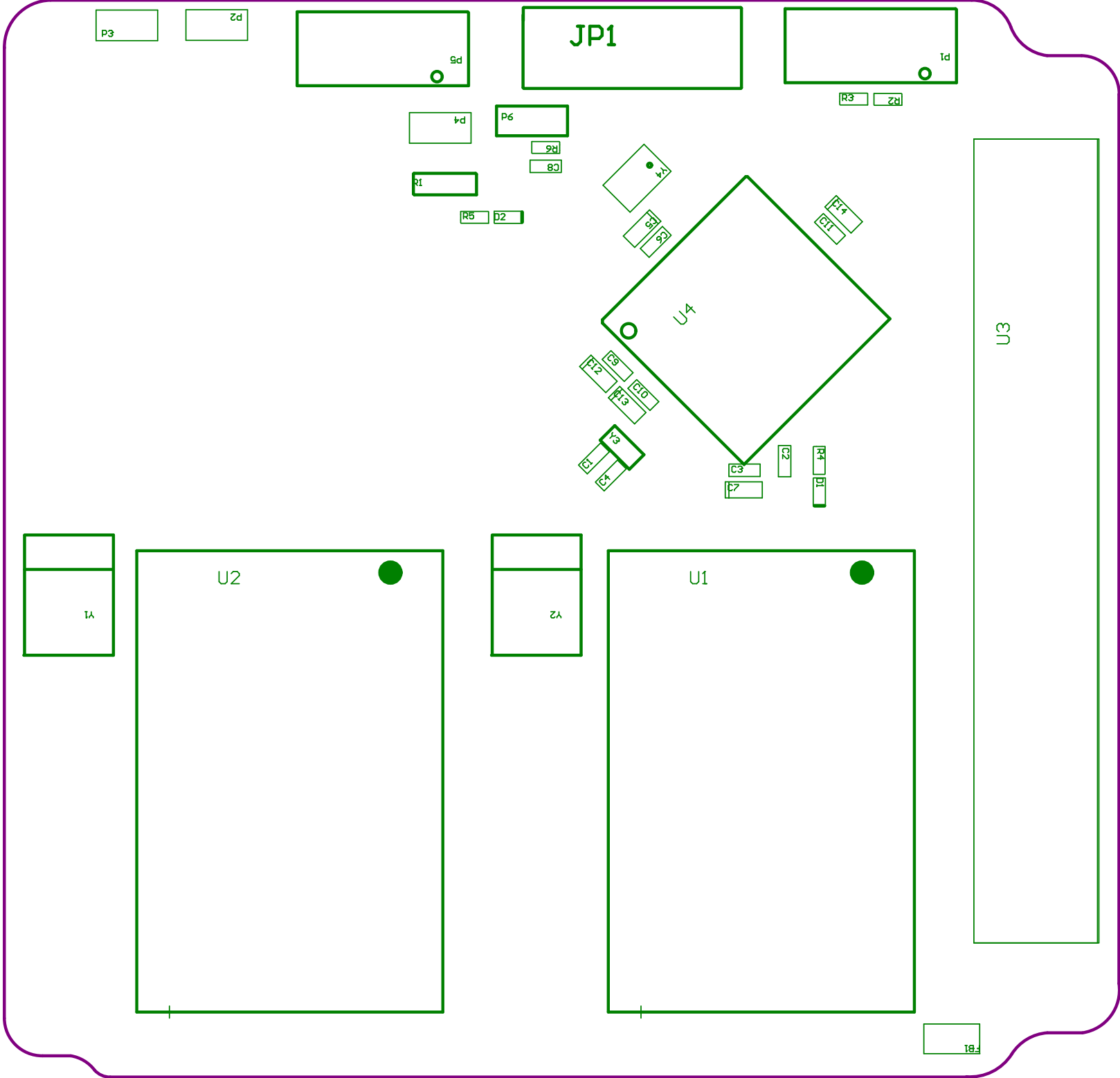
TITULO: TT&C ALT 2017 Engineering Model 2 UFSC		REV. 01	VER. V1
MATERIAL: FR4	Silkscreen color: white		
Board Thickness: 1.6mm	Layers: 02	Drawing	DATE
PCB Surface: HAL		Sara Vega	08/06/2017



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MATERIAL: FR4	Silkscreen color: white		
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PCB Surface: HAL		Sara Vega	08/06/2017



5.086 (mm)

5.086 (mm)

