

A

B

C

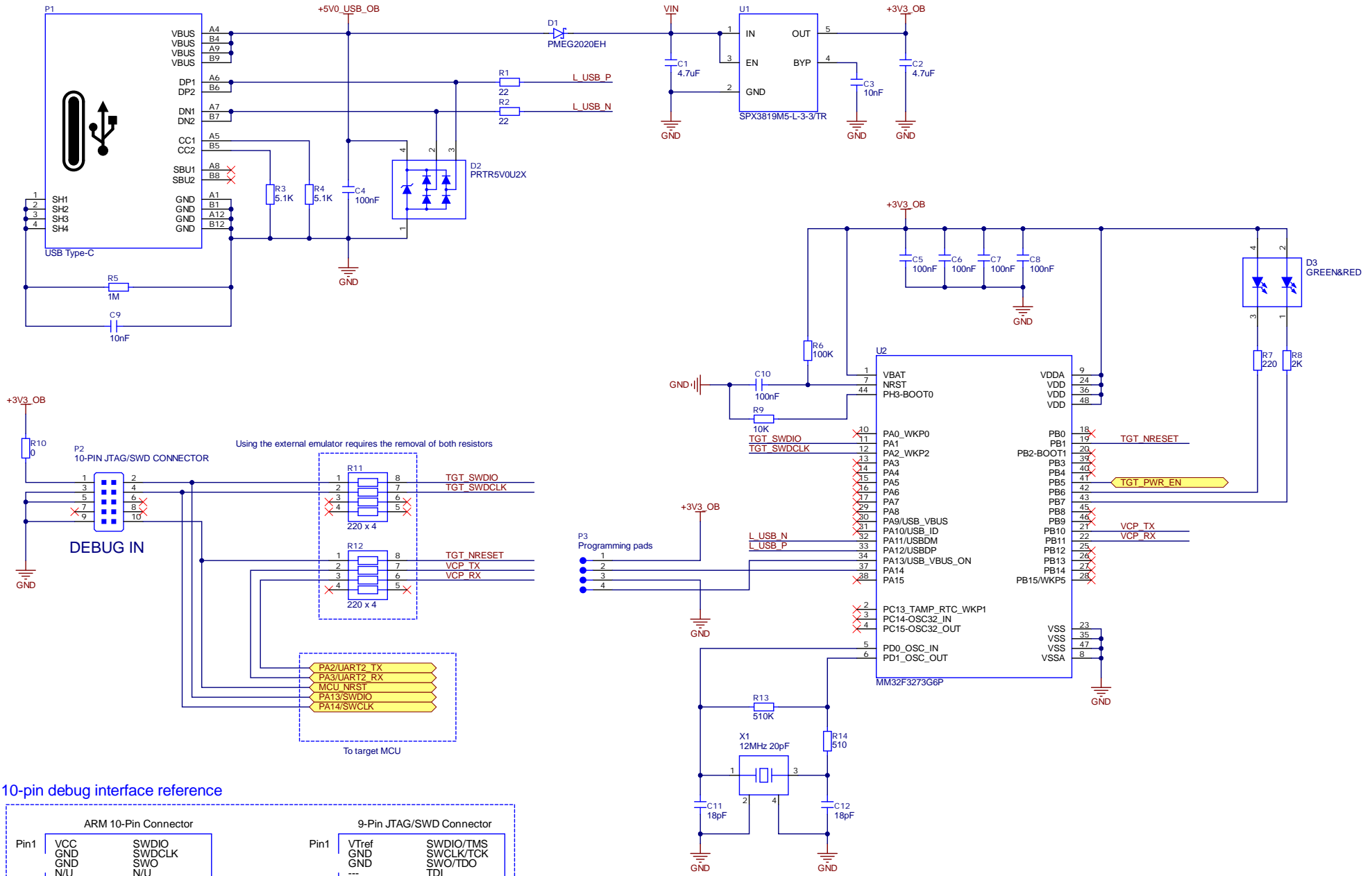
D

A

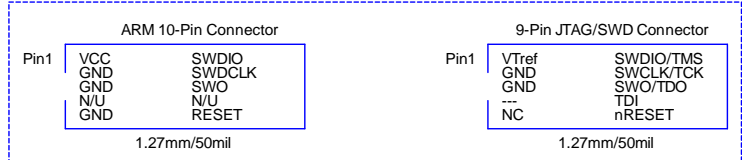
B

C

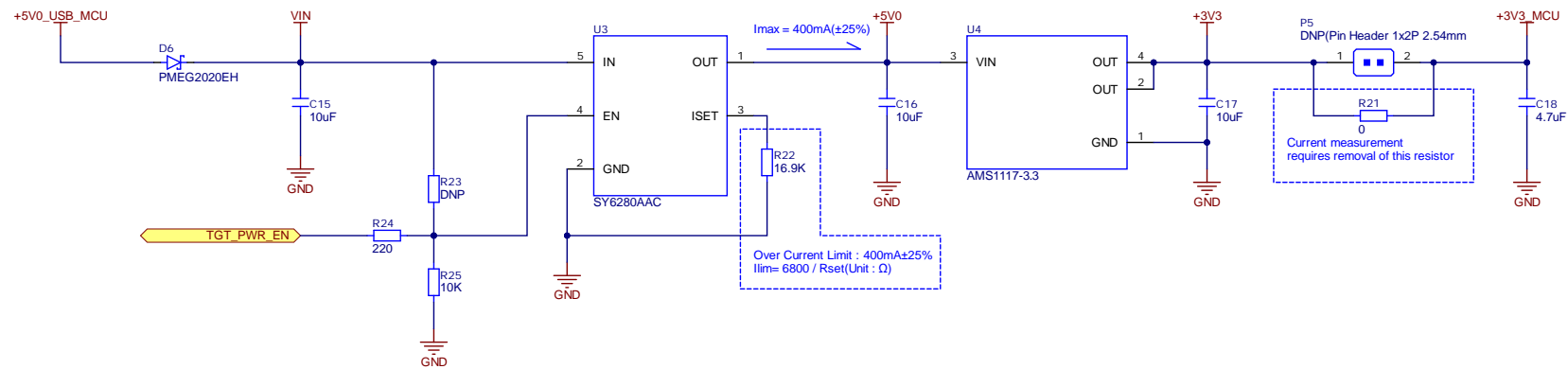
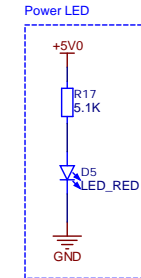
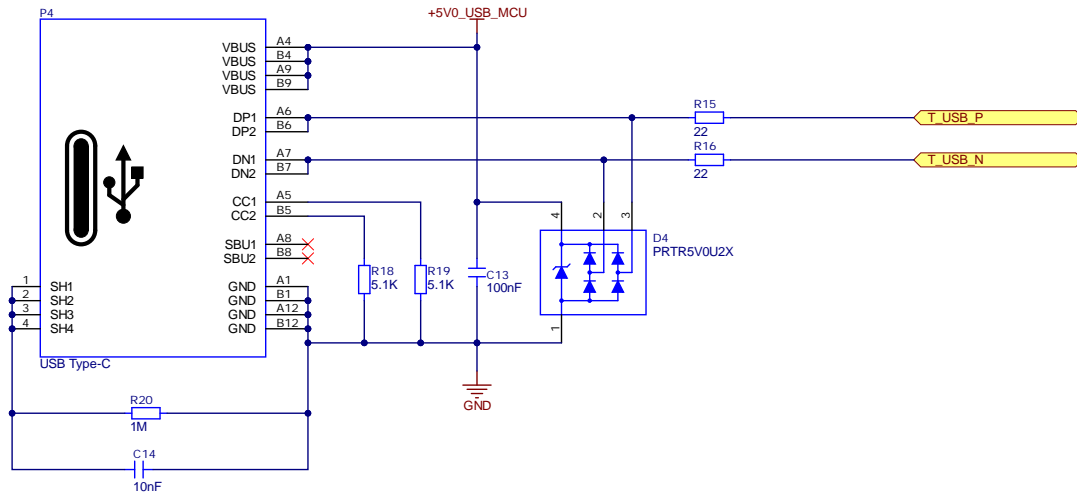
D



10-pin debug interface reference



DNP : DO NOT POPULATE



DNP : DO NOT POPULATE

Project Title		Mini-WB0513-OB	
Sheet Title	A3	Target Power	
Size	A3	Rev	Beta
Sheet	3	Rev	6
Date	2023-06-27	Drawn	Li Hongpeng
		Checked	Lu Weiwei
		Approved	Chen Do



A

B

C

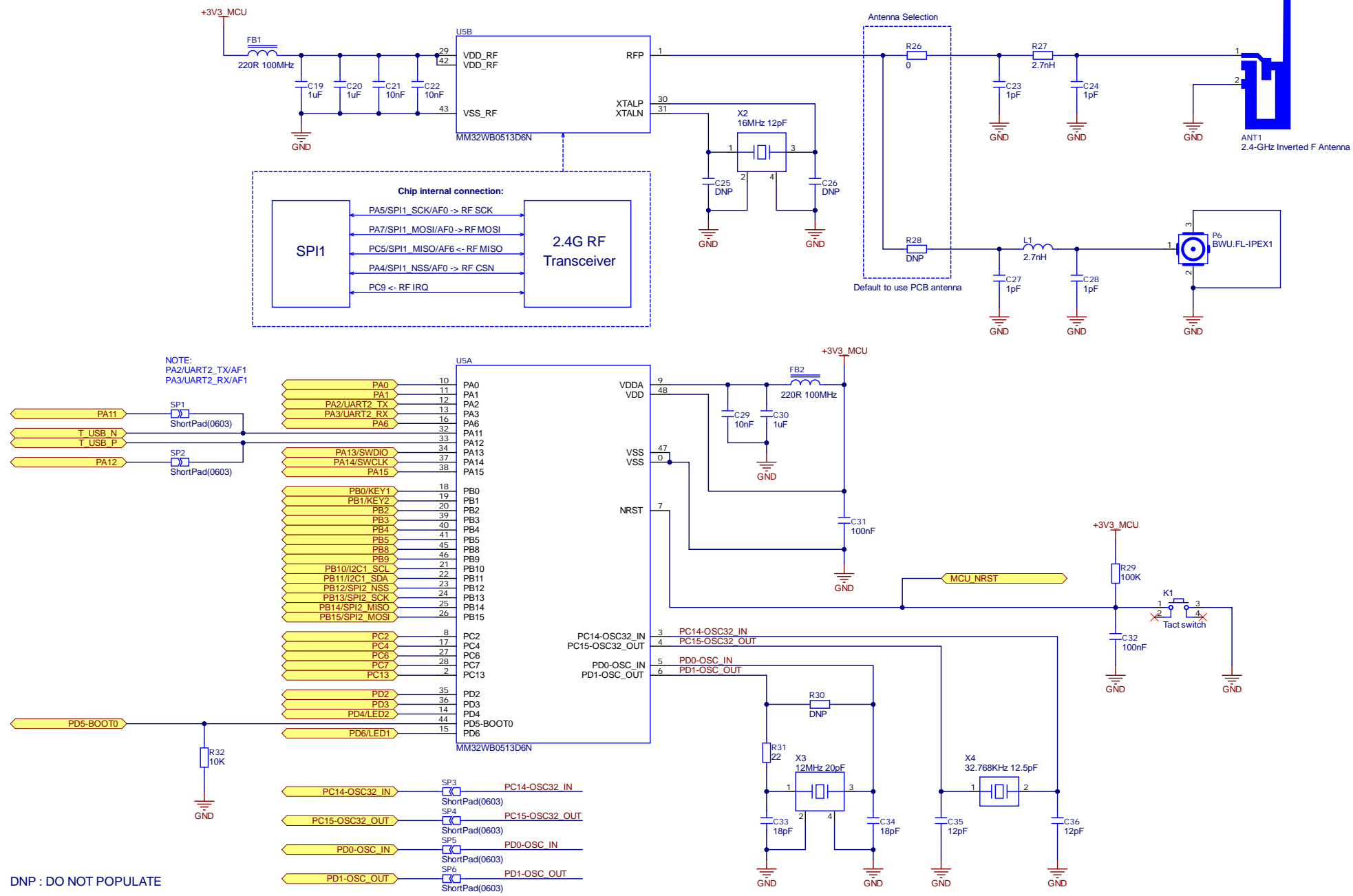
D

A


B

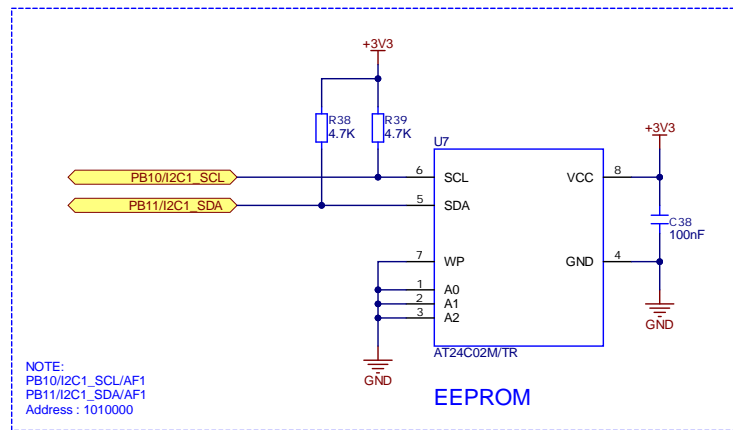
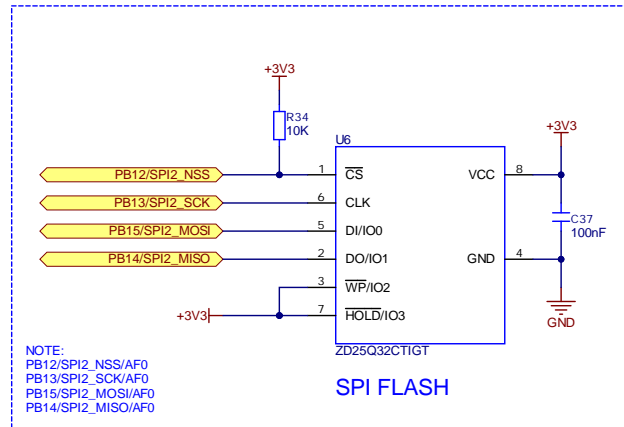
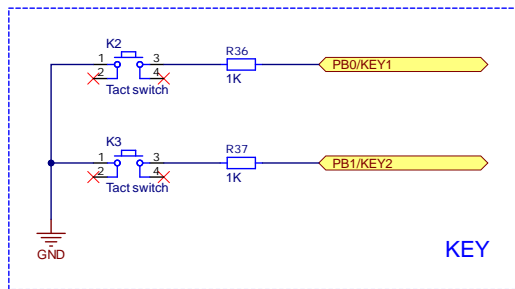
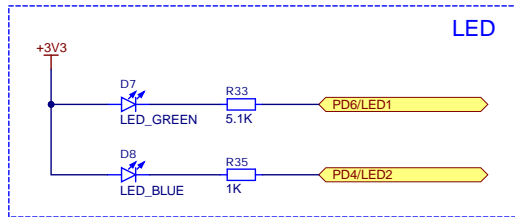
C

D



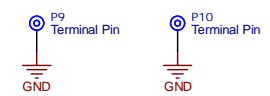
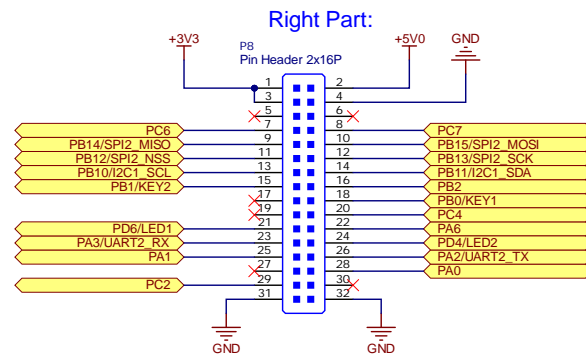
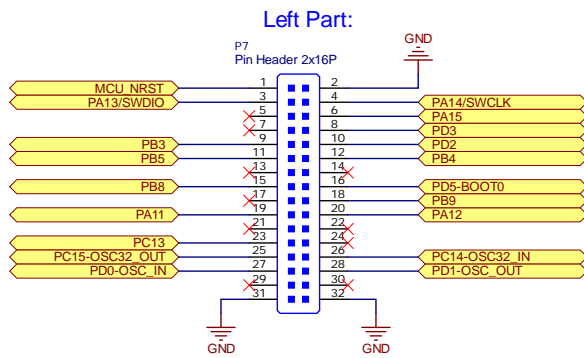
Project Title		Mini-WB0513-OB		Target MCU	
Sheet	A3	Rev	Beta	Drawn	Li Hongpeng
Sheet	4	/	6	Checked	Lu Weiwei
Date	2023-06-27		Approved	Chen Do	



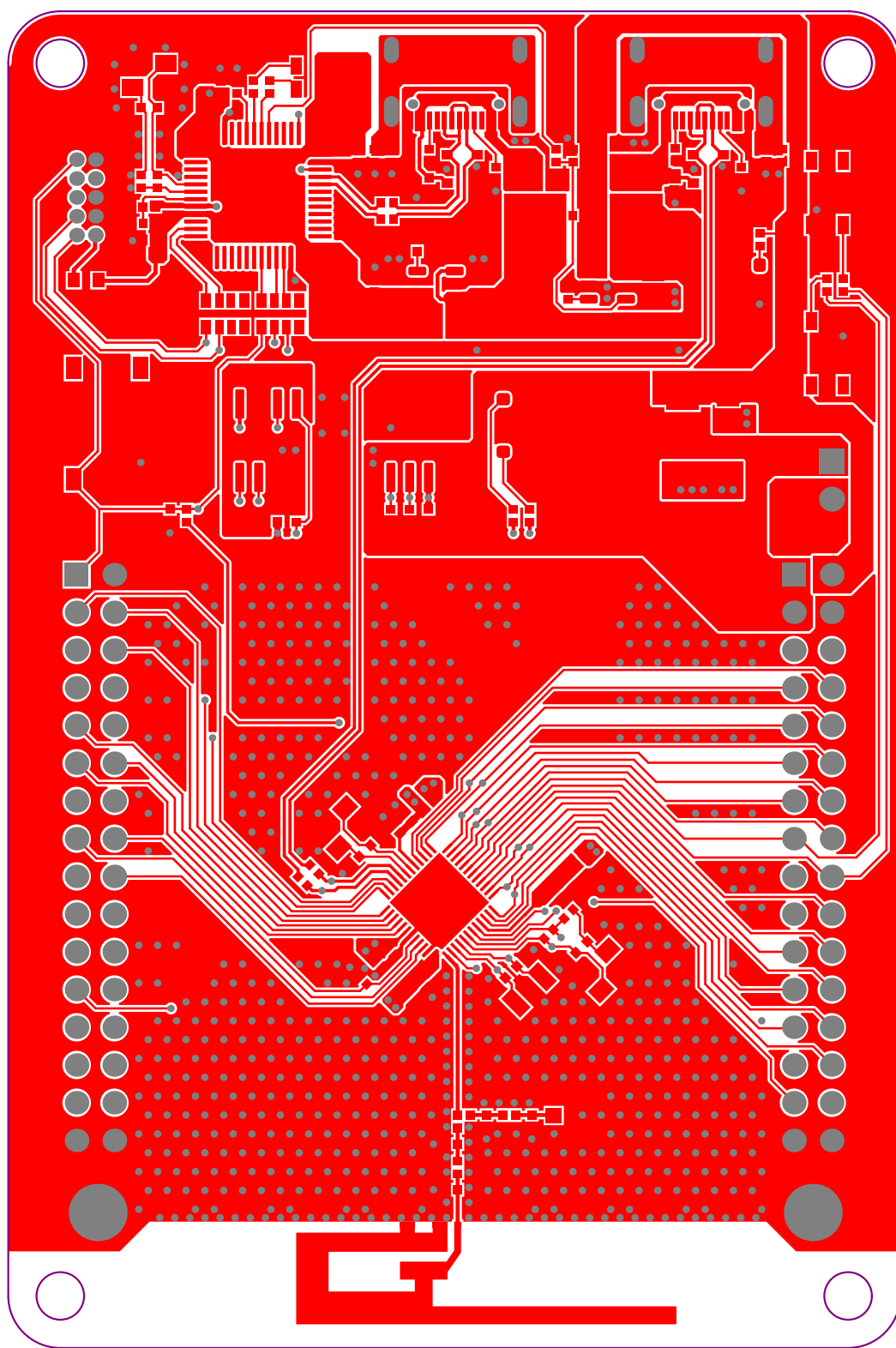


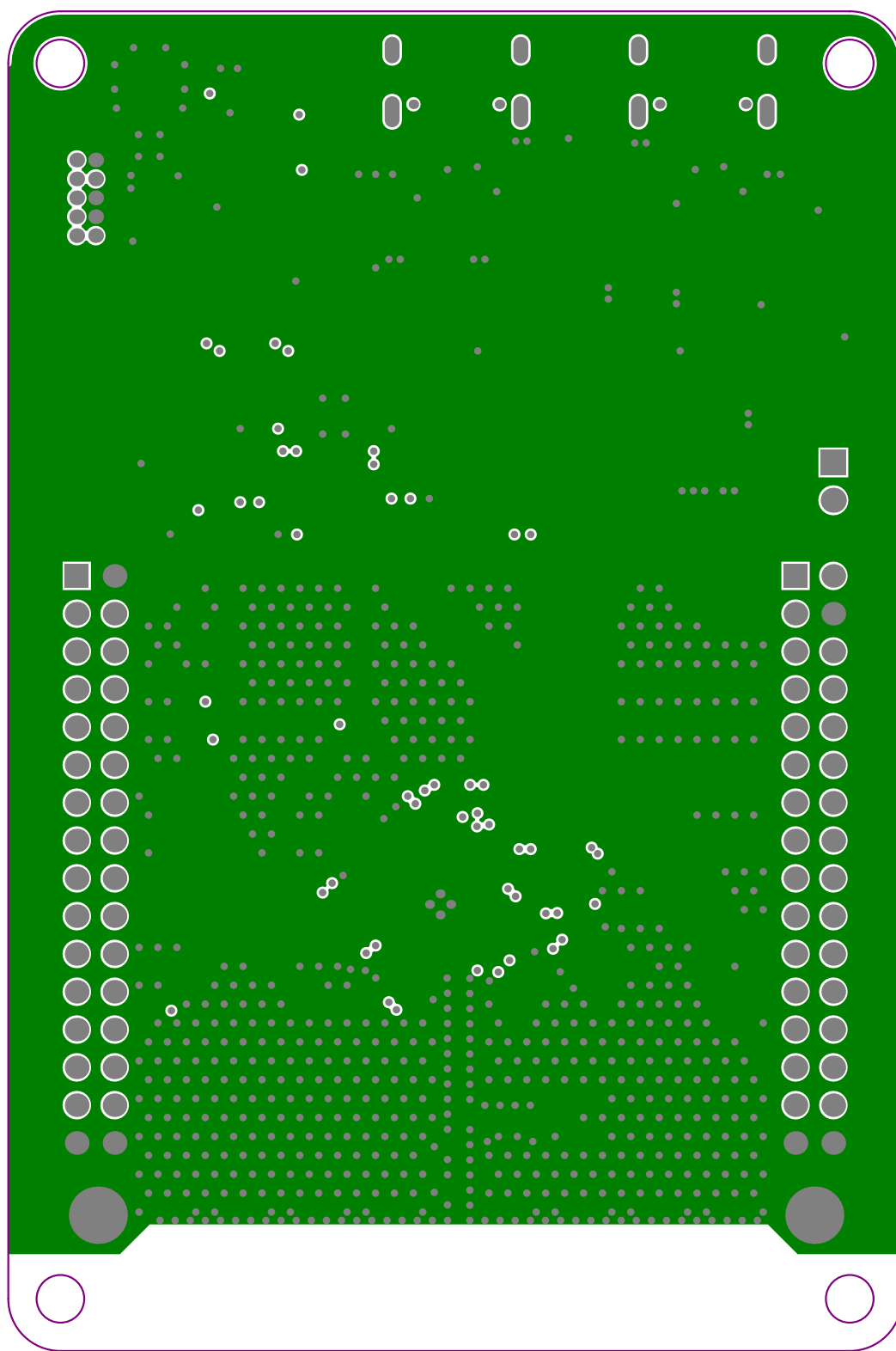
Project Title	Mini-WB0513-OB		
Sheet Title	Onboard Resources		
Size	A3	Rev	Beta
Sheet	5	Drawn	Lu Hongpeng
Date	2023-06-27	Checked	Lu Weiwei
		Approved	Chen Do

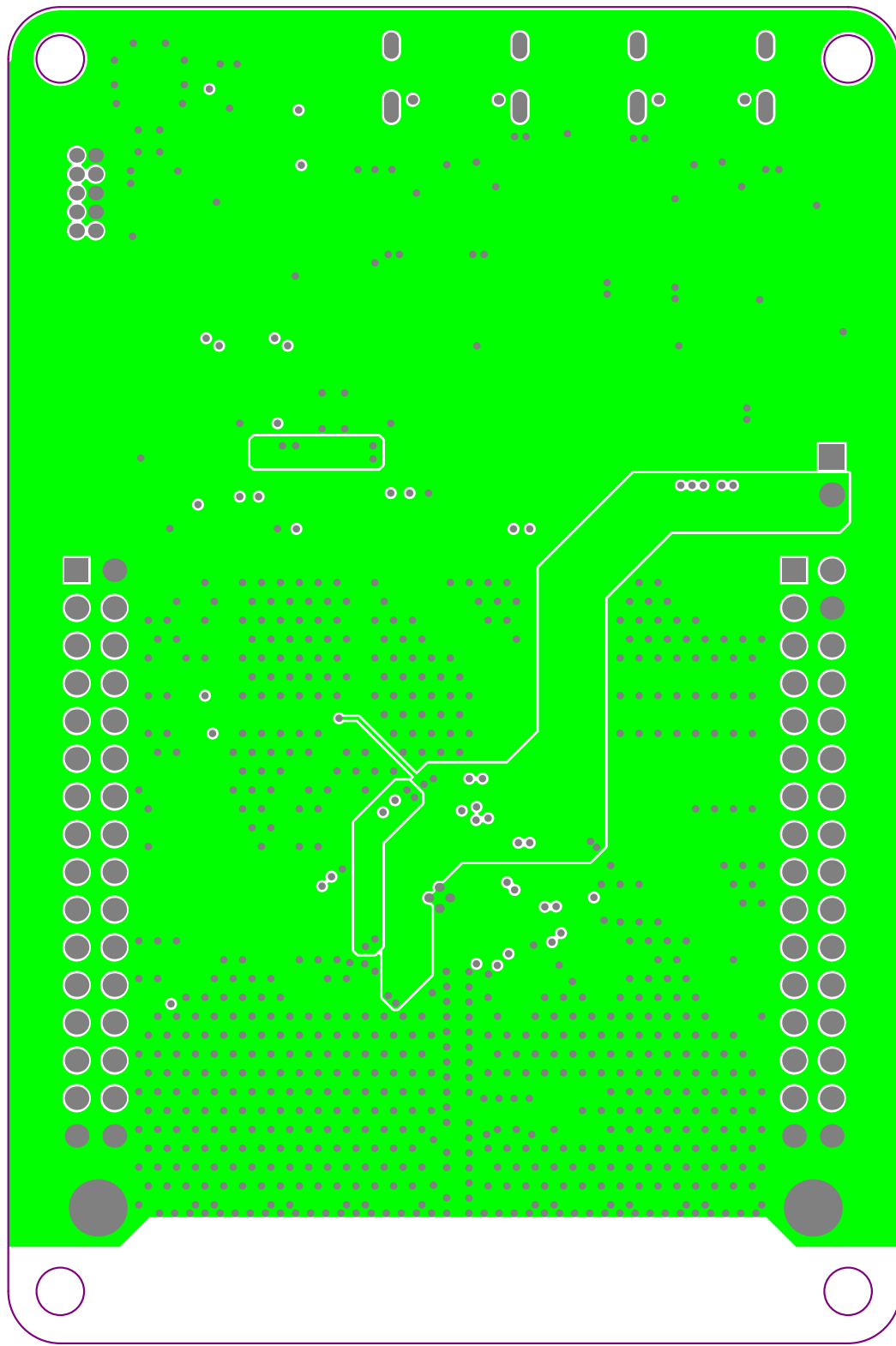


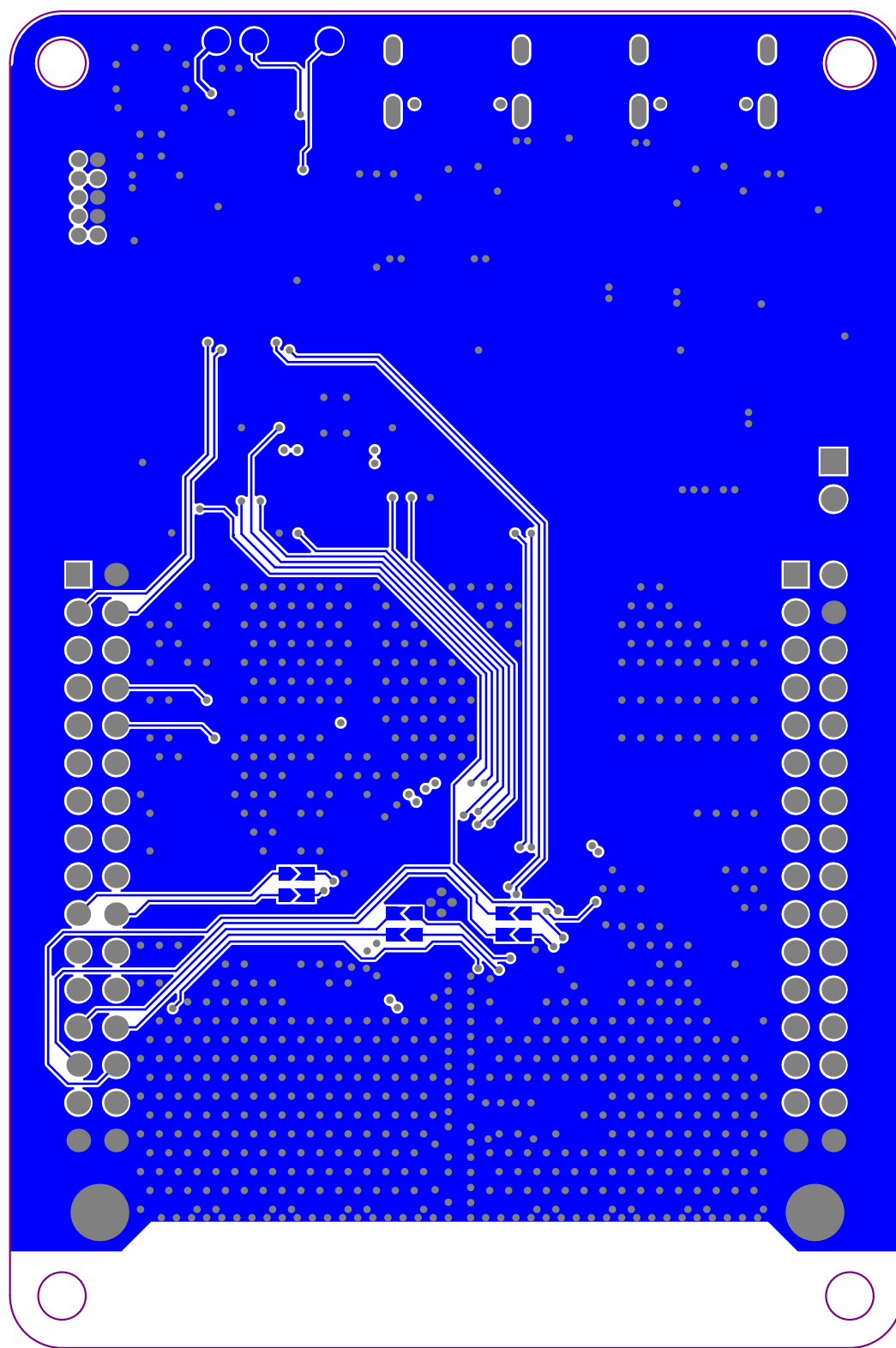


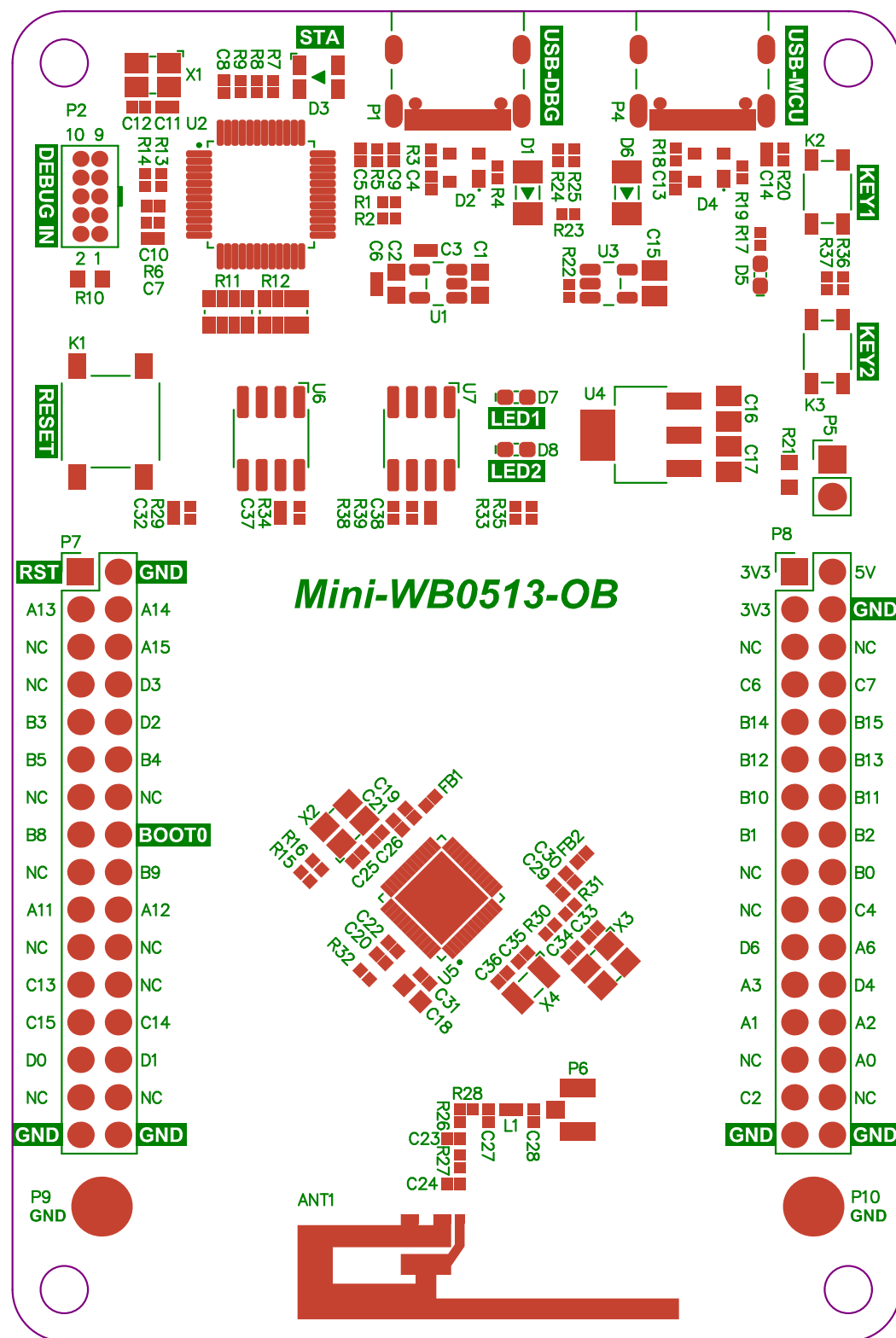
Pin assignment:
Waiting for the datasheet to complete!













MM32WB0513D6N

Mini-WB0513-OB | MB-107

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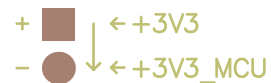
DEBUG IN

SWDIO/TMS	VCC
SWCLK/TCK	GND
TDO/SWO	GND
TDI	NC
nRESET	NC

1



Measuring Current



5V  3V3

GND  3V3

NC  NC

C7  C6

B15  B14

B13  B12

B11  B10

B2  B1

B0  NC

C4  NC

A6  D6

D4  A3

A2  A1

A0  NC

NC  C2

GND  **GND**

PD1  SP6
PD0  SP5

PC15  SP4
PC14  SP3

PA11  SP1
PA12  SP2

GND  **RST**

A14  A13

A15  NC

D3  NC

D2  B3

B4  B5

NC  NC

BOOT0  B8

B9  NC

A12  A11

NC  NC

NC  C13

C14  C15

D1  D0

NC  NC

GND  **GND**