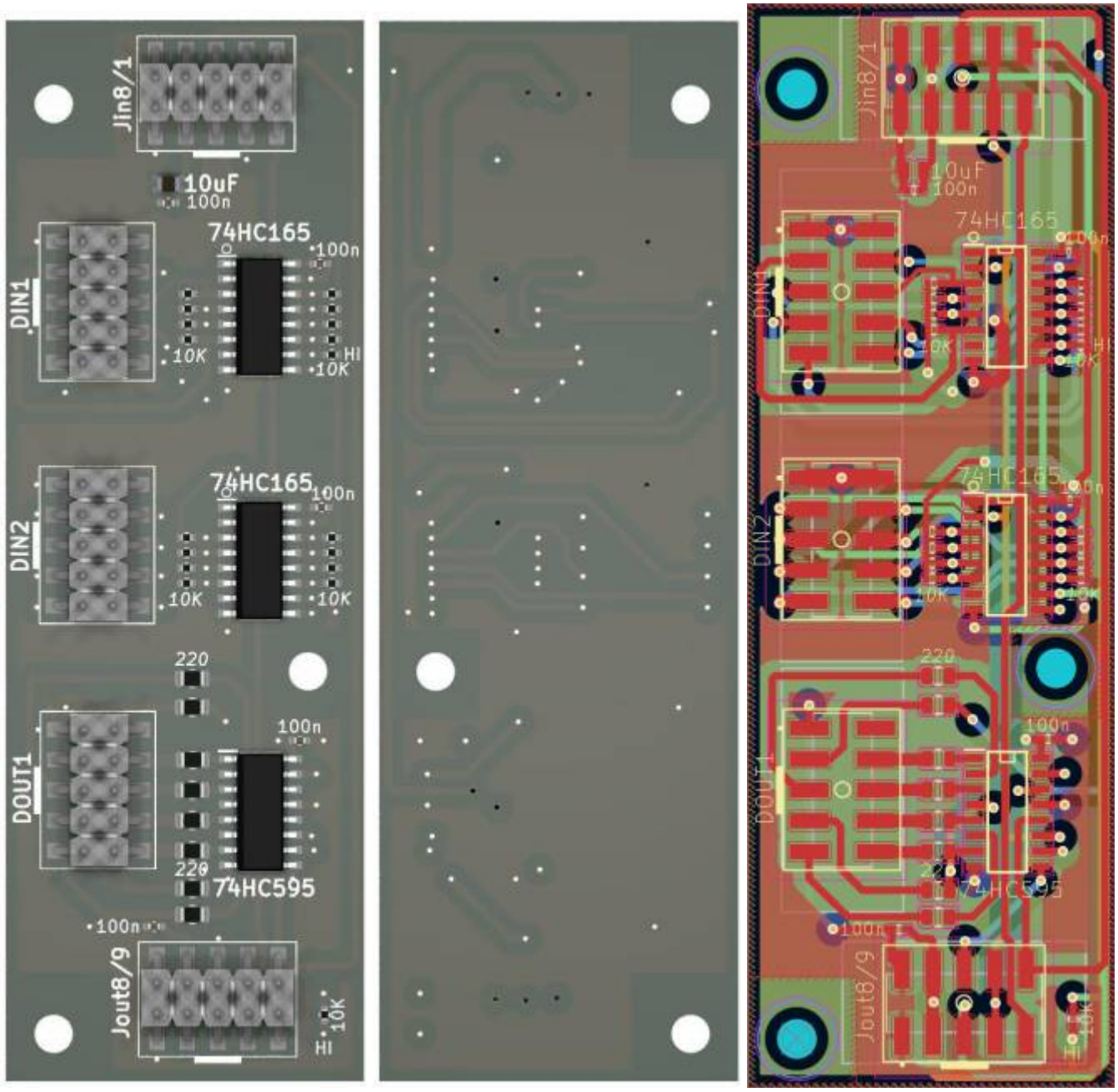
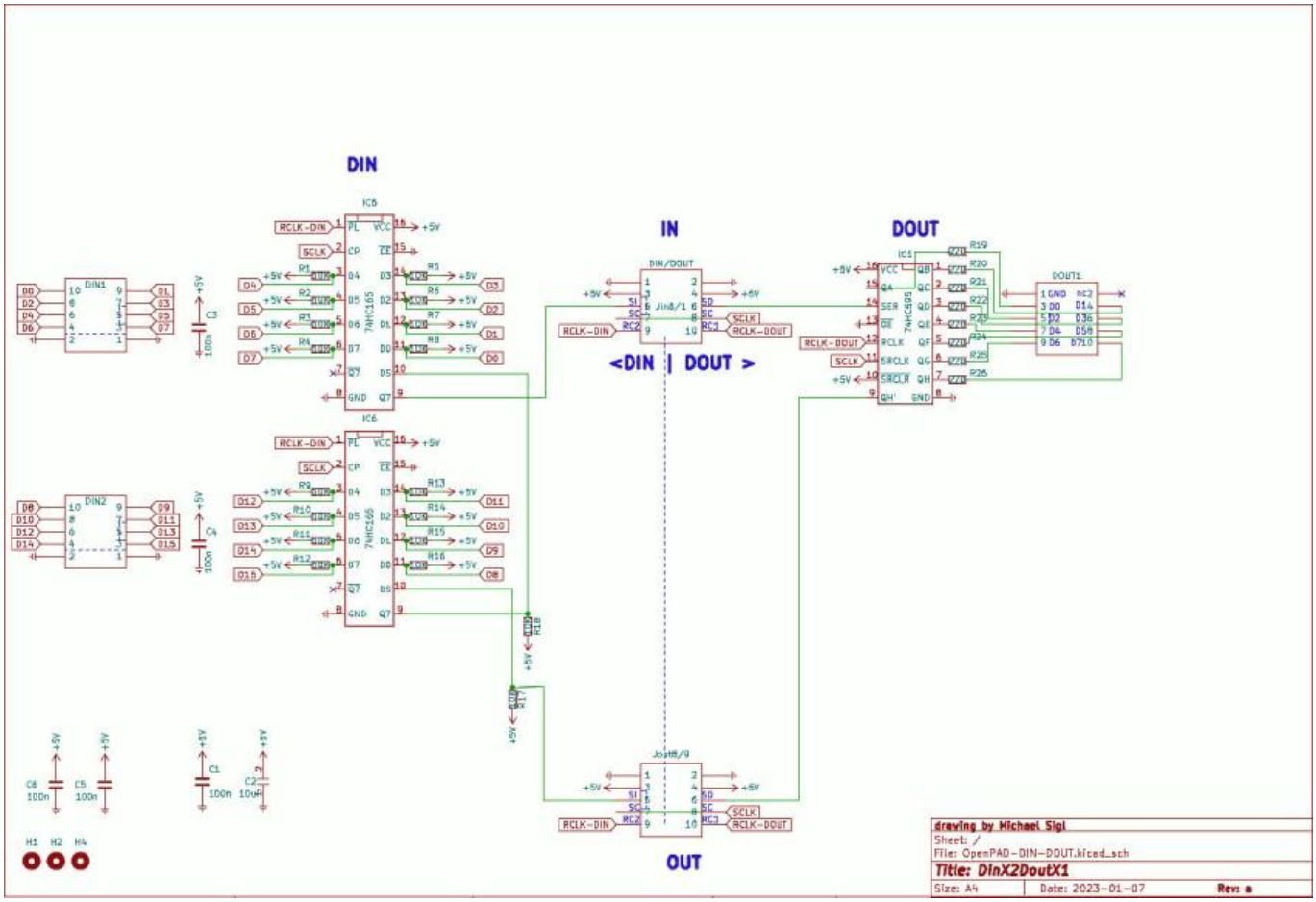
DinX2DoutX1



it gives;
16 Digital Inputs
8 Digital Outputs
The Board is fully SMD, and made for pick and place - so no soldering required!

Shematic



Building and BOM

Its build by pick and place robots... so no need to build, or order any component
you need this PCB 1x for OpenPAD

Production Files

dinx2doutx1-gerber.zip
dinx2doutx1-bomandposi.zip

BOM

Follwing list is for reference, and debugging only, **no need to order them!** all the parts are already soldered on the PCB!

qty	reference	value	jlc	
5	C1, C3, C4, C5, C6	100n	C307331	81-GRM155R61E104KA7J
1	C2	10uF	C440198	81-GRM21BR61H106KE3K

qty	reference	value	jlc	
2	DIN1,DIN2	Gates	C124391	649-1012938391001ALF
3	DOUT1, Jin8/1, Jout8/9	DIN/DOUT	C124391	649-1012938391001ALF
1	IC1	74HC595	C5947	595-SN74HC595DR
2	IC5, IC6	74HC165	C5613	595-SN74HC165DRG3
18	R1-R18	10K	C25744	303-0402WGF1002TCE
8	R19-R26	220	C25294	

To Do

waiting for the assembled Prototype

Community users working on it

- **Phatline** = PCB & Shematic, UI-Programming, Documentation...

Just let a Private message on the forum to user already involved.
or join the forum: Triggermatrix 5

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https://www.midibox.org/dokuwiki/doku.php?id=doutx2dinx1&rev=1673226964

Last update: **2023/01/09 01:16**