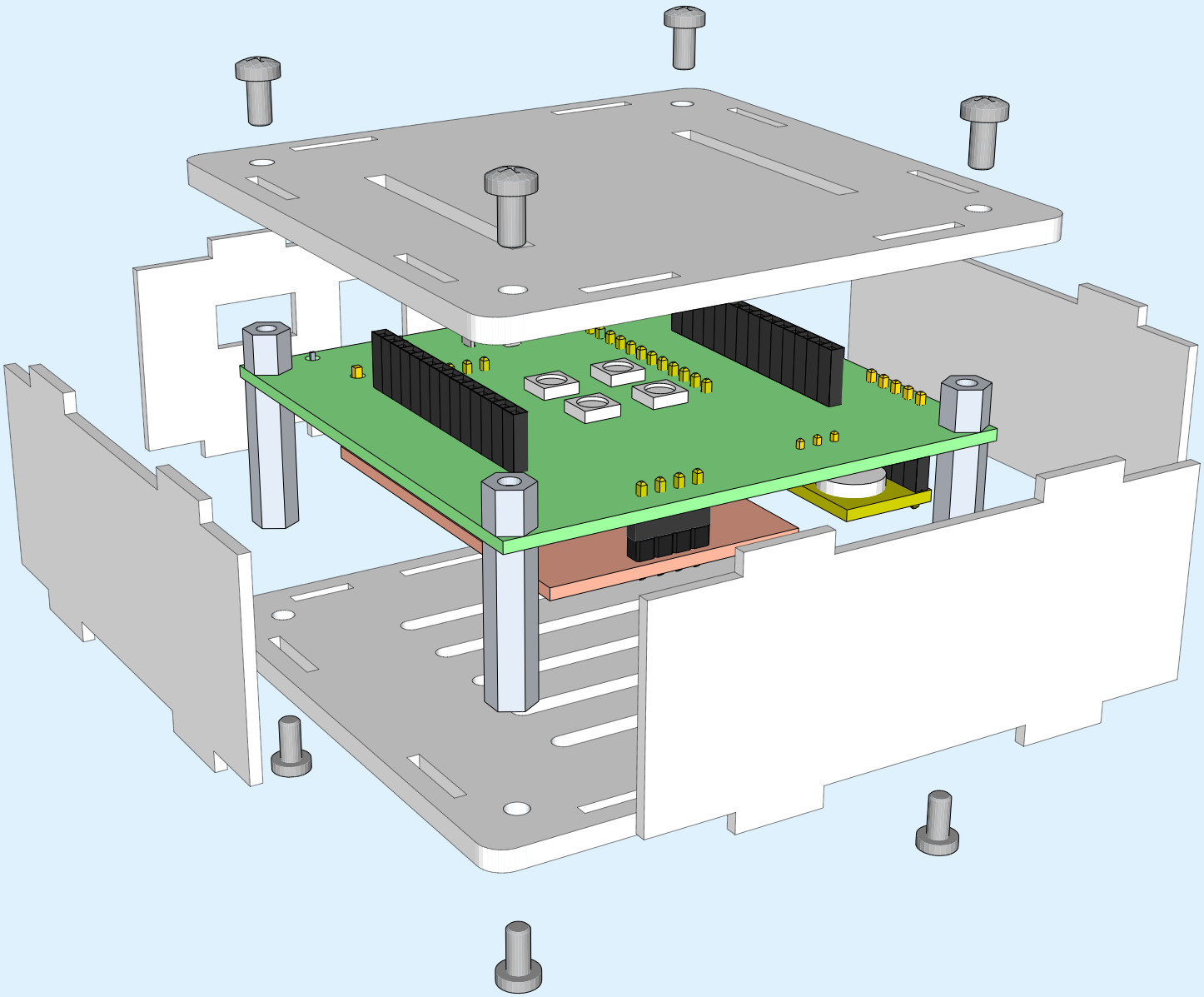
ONE NIXIE CLOCK

ASSEMBLY INSTRUCTION



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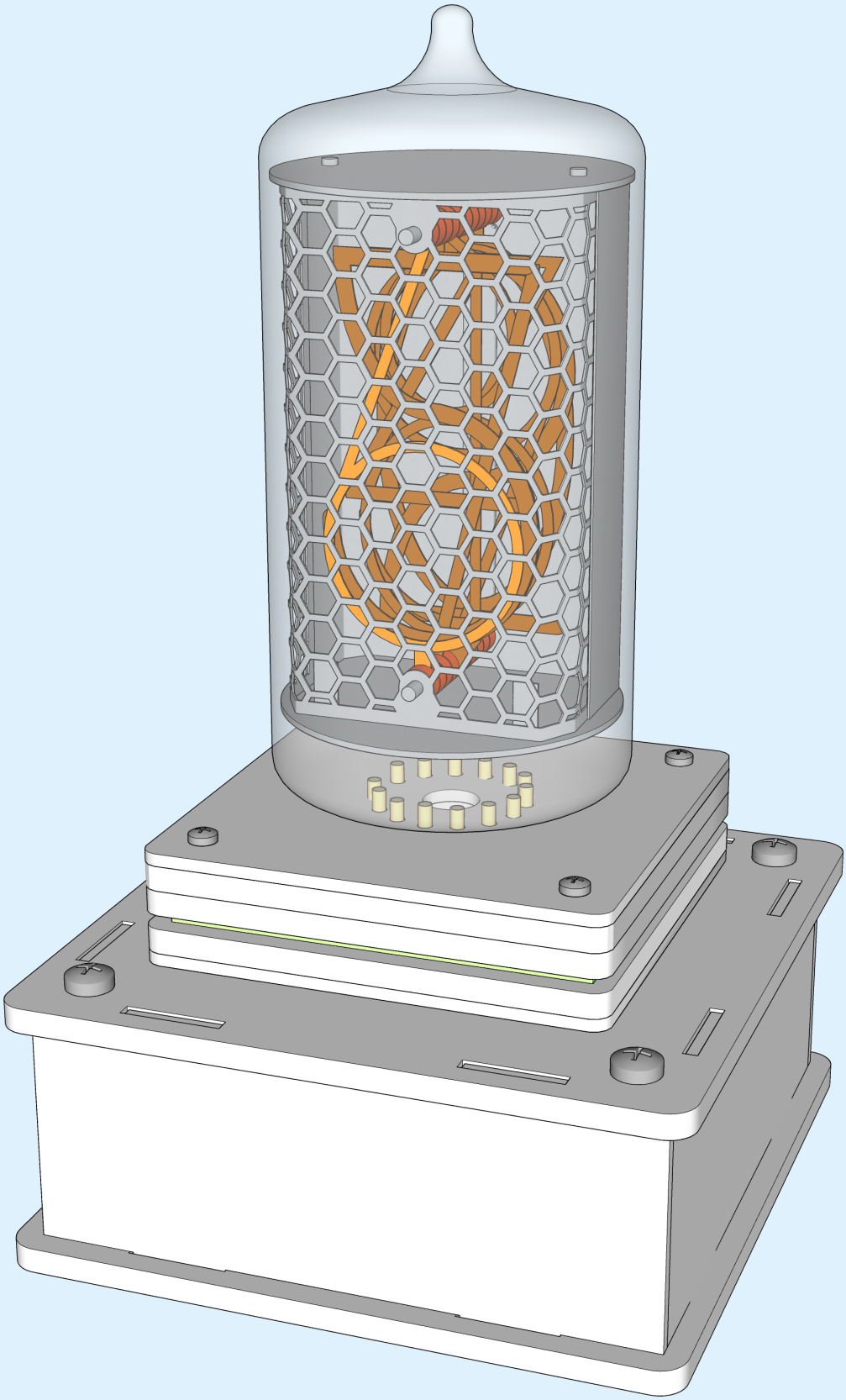
ONE NIXIE CLOCK

ASSEMBLY INSTRUCTION



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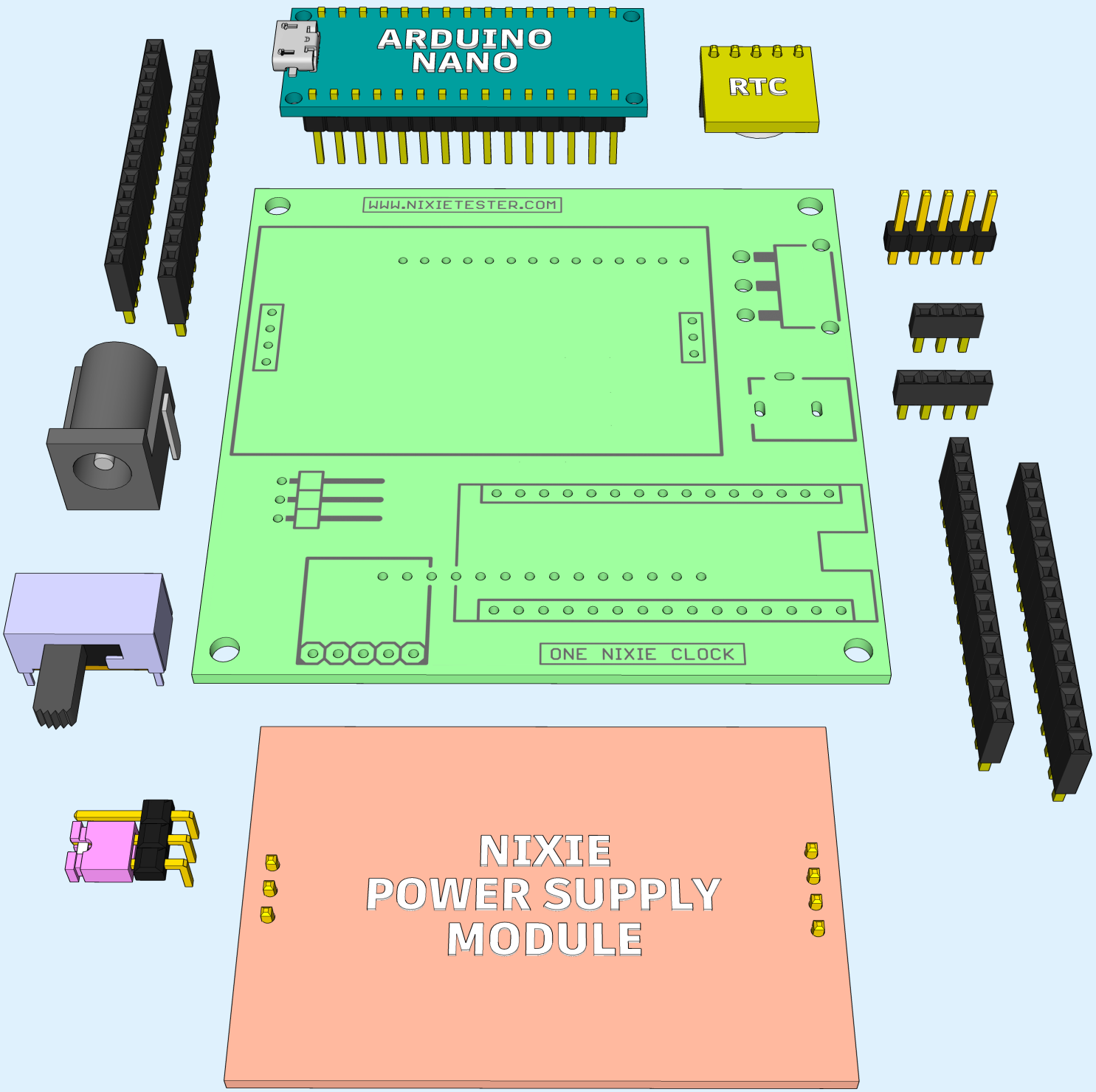
ONE NIXIE CLOCK

COMPONENTS



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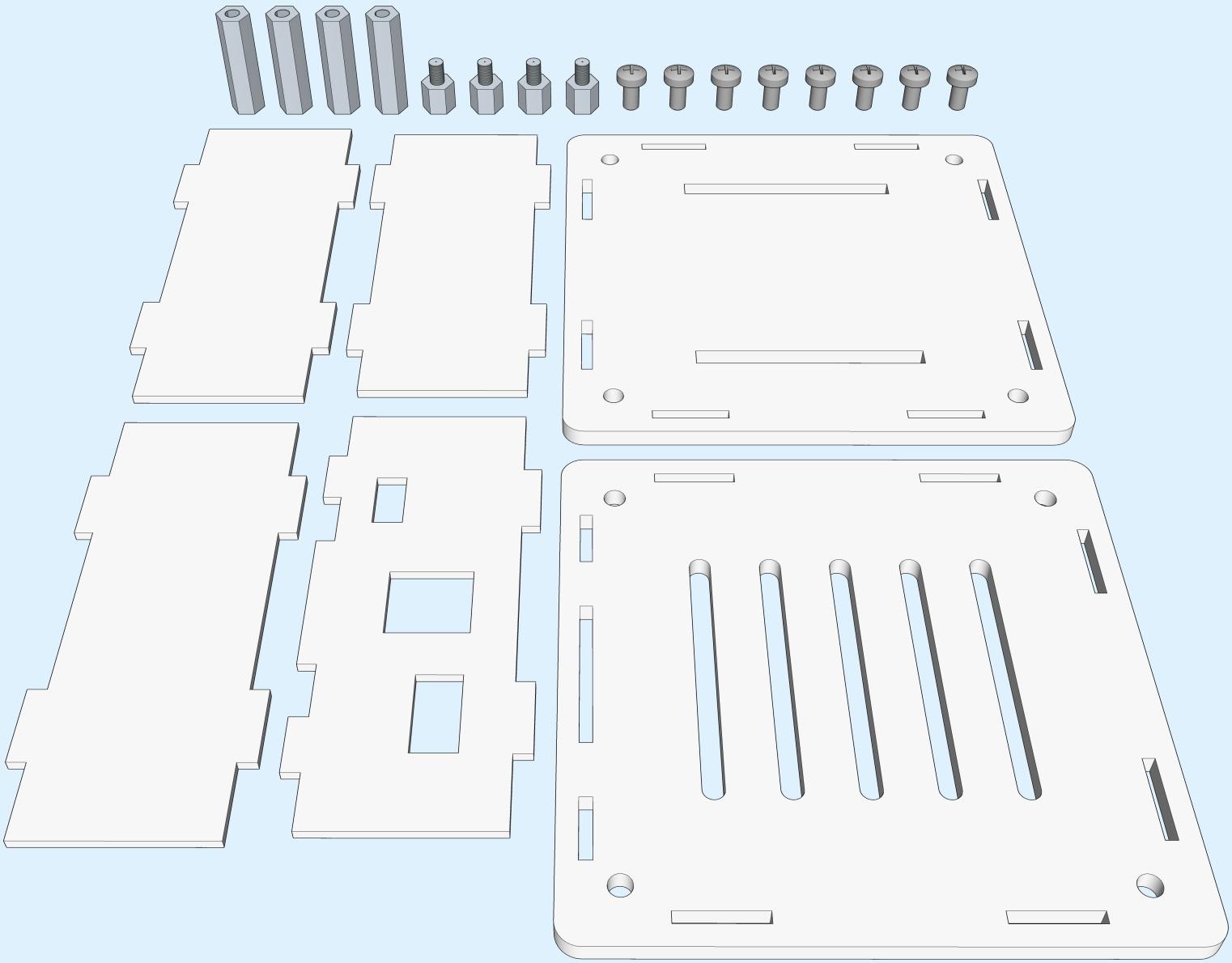
ONE NIXIE CLOCK

COMPONENTS



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ONE NIXIE CLOCK

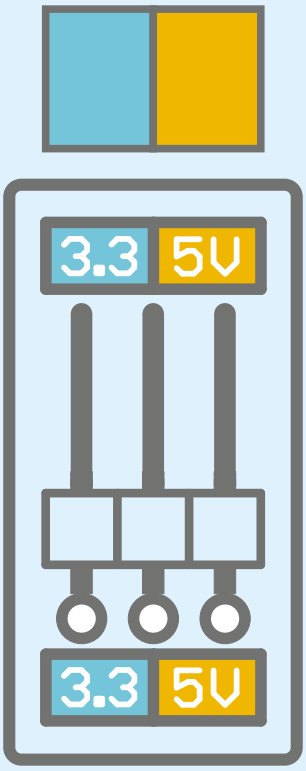
COMPONENTS

- ARDUINO NANO / EVERY / 33 IOT
- ONE NIXIE CLOCK SHIELD MODULE
- NPS - NIXIE POWER SUPPLY MODULE
- RTC - REAL TIME CLOCK MODULE
- ENCLOSURE

- PH1, PH2 - PIN HEADER 1 x 14; F
- PH3, PH4 - PIN HEADER 1 x 15; F
- PH5 - PIN HEADER 1 x 5; M
- PH6 - PIN HEADER 1 x 3; SHORT; F
- PH7 - PIN HEADER 1 x 4; SHORT; F
- PH8 - PIN HEADER 1 x 3; ANGLE; M
- JUMPER
- SW1 - SLIDE SWITCH
- VIN - POWER CONNECTOR

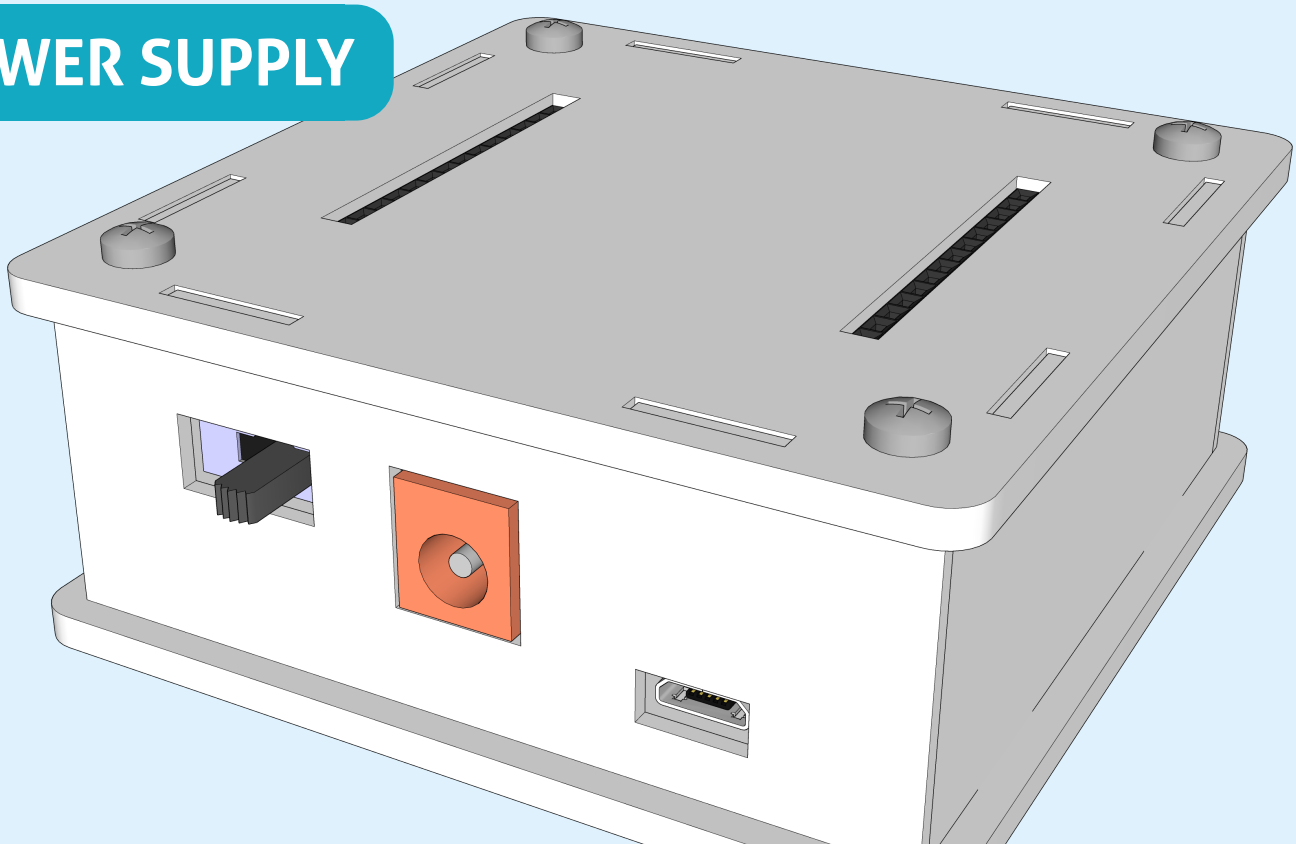
- SPACER - 5mm x 4; M-F
- SPACER - 20mm x 4; F-F
- SCREW - M3 x 8; 6mm

PH8 SETTINGS



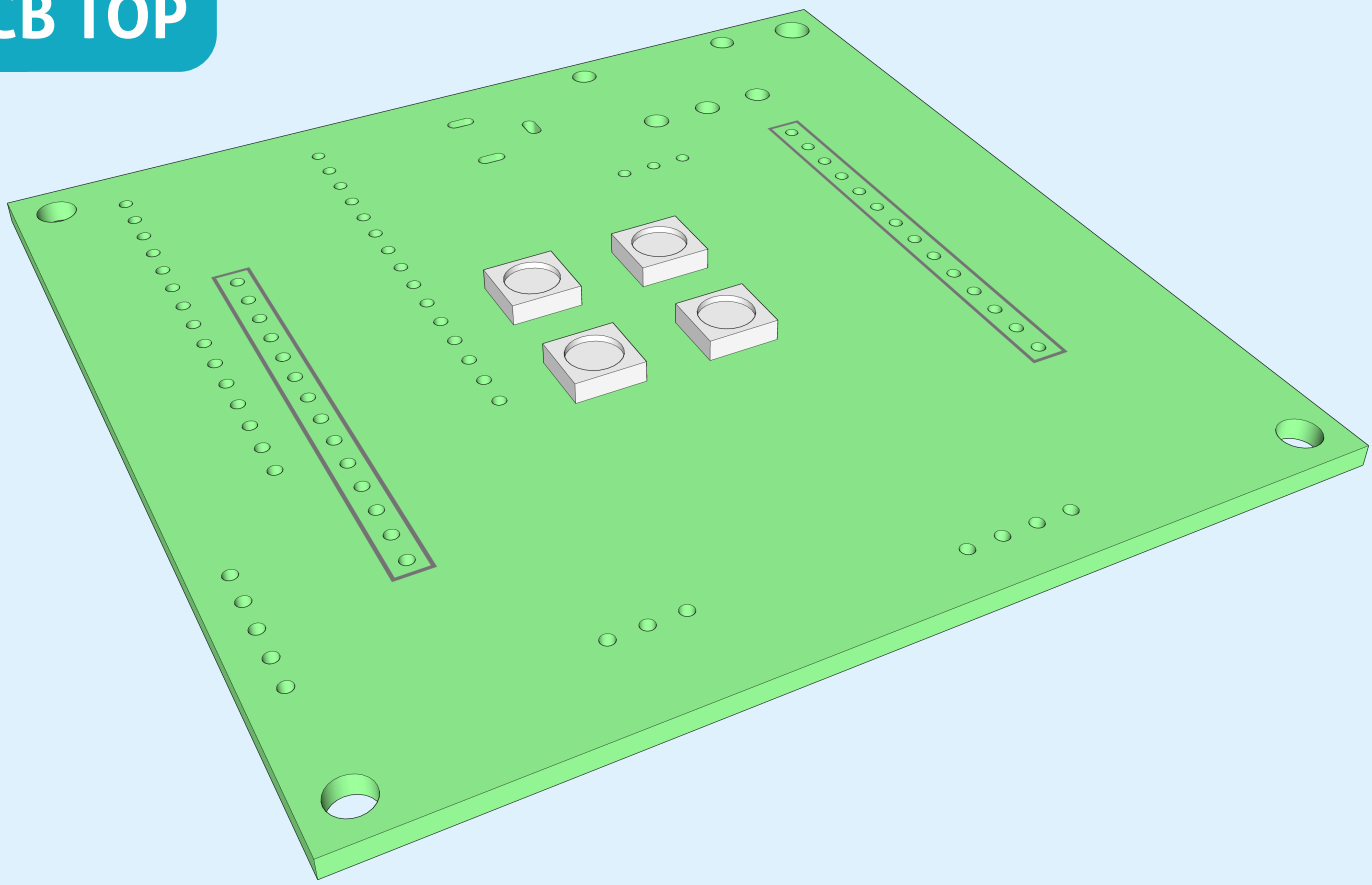
NOTE YOU MUST SET OPERATING VOLTAGE OF YOUR CLOCK
CHECK DATASHEET E.G. NANO EVERY - 5V, NANO 33 IOT - 3.3V

POWER SUPPLY

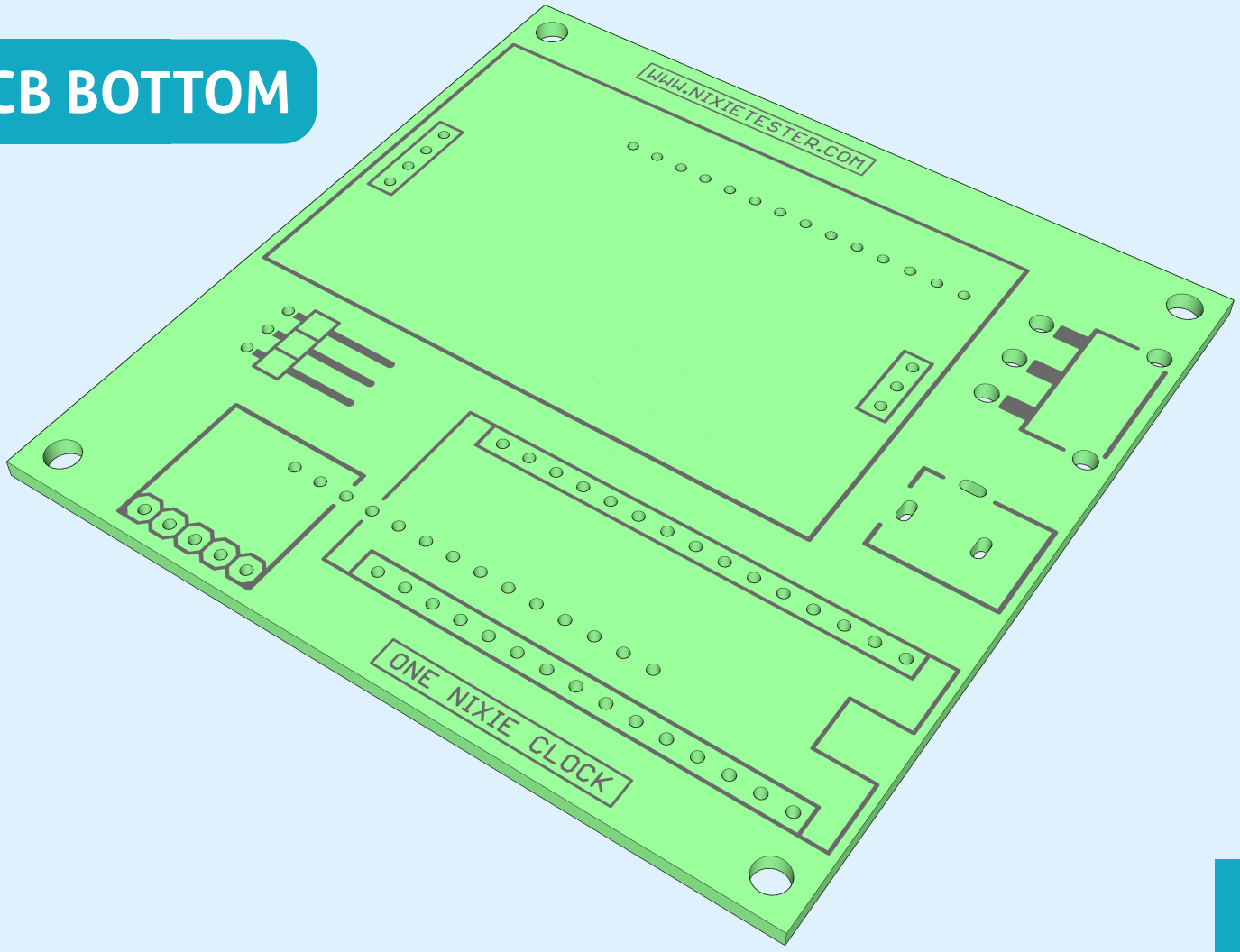


NOTE ONE NIXIE CLOCK REQUIRED GOOD QUALITY POWER SUPPLY
12V; 1.5A, CENTER PIN POSITIVE+

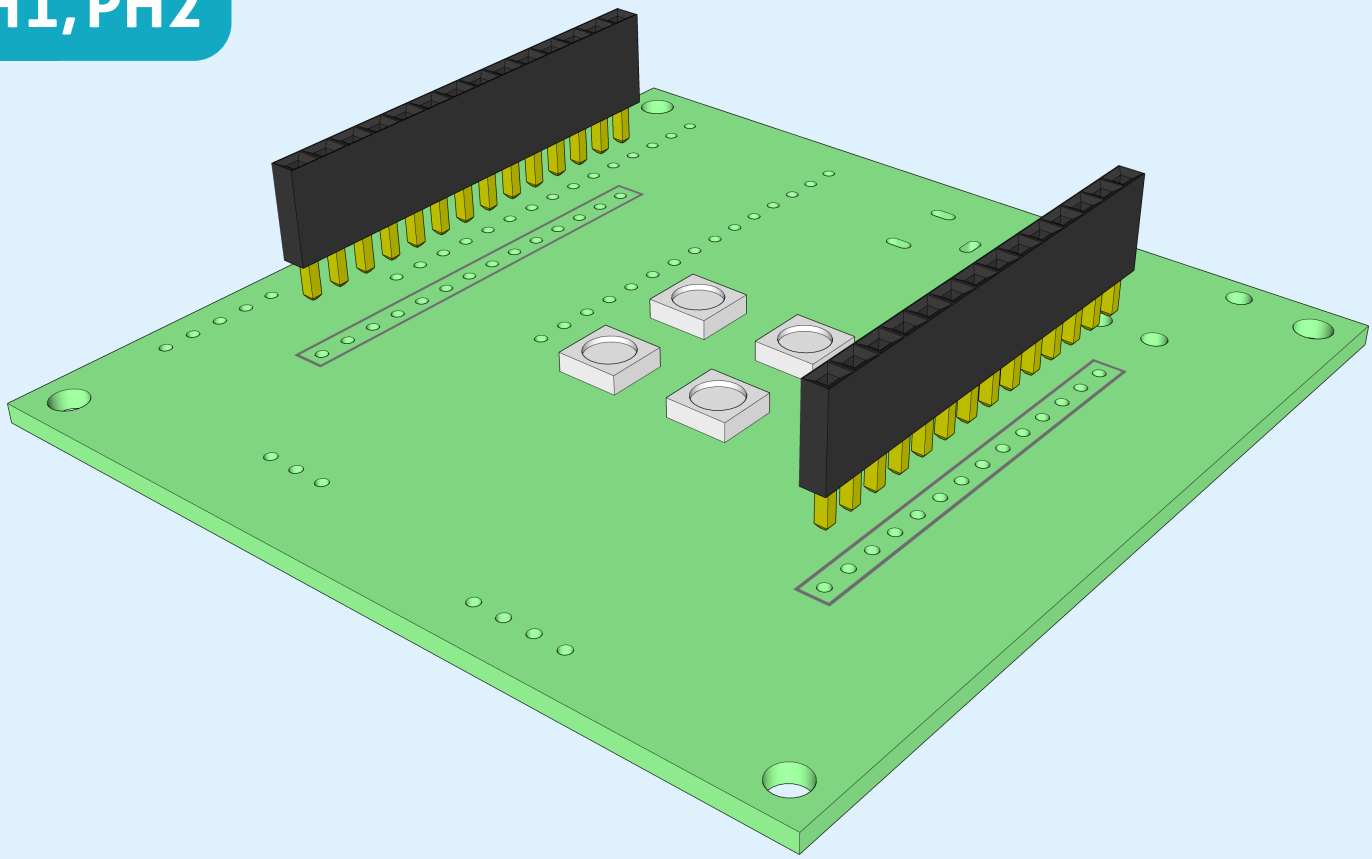
PCB TOP

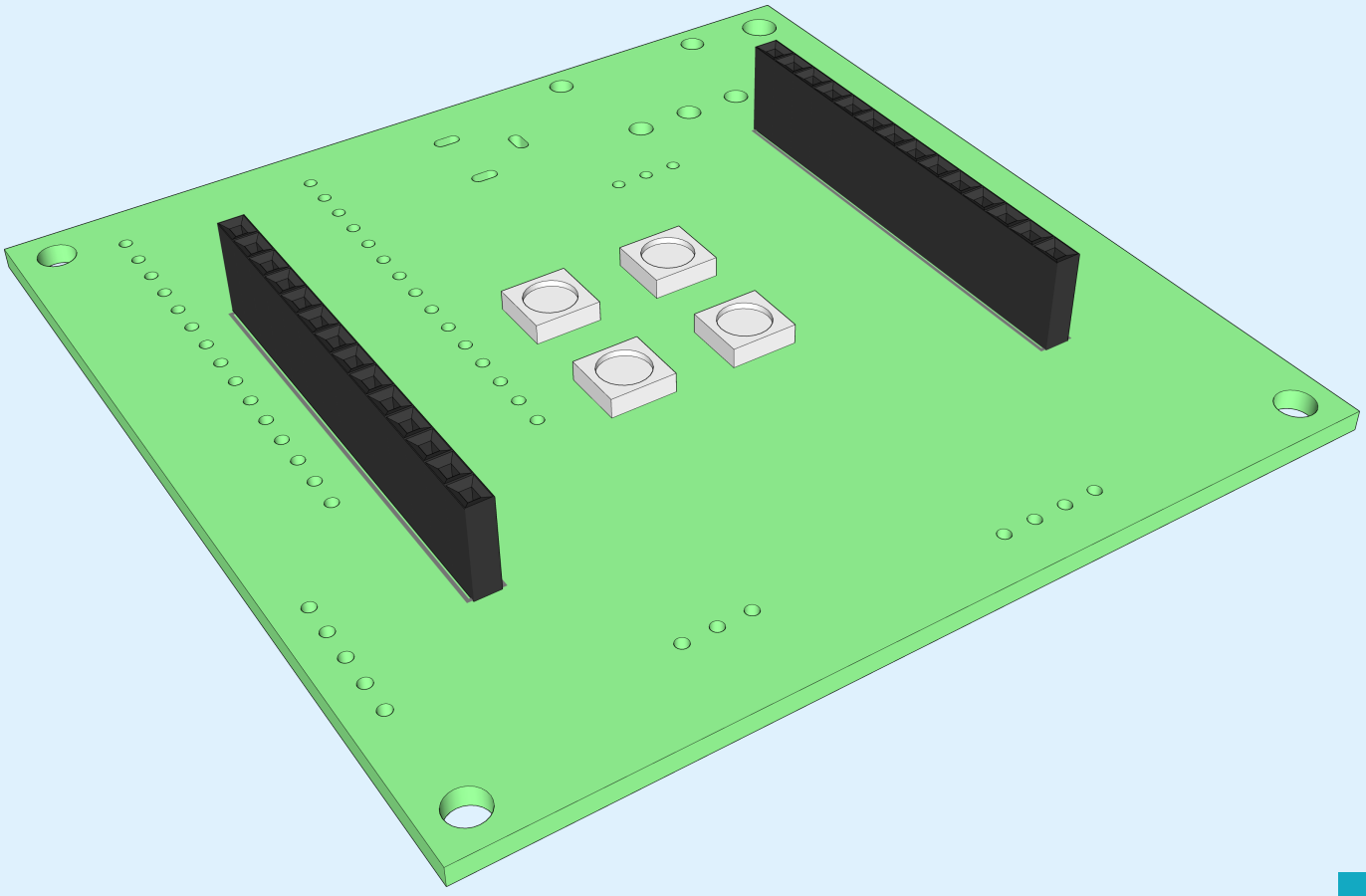


PCB BOTTOM

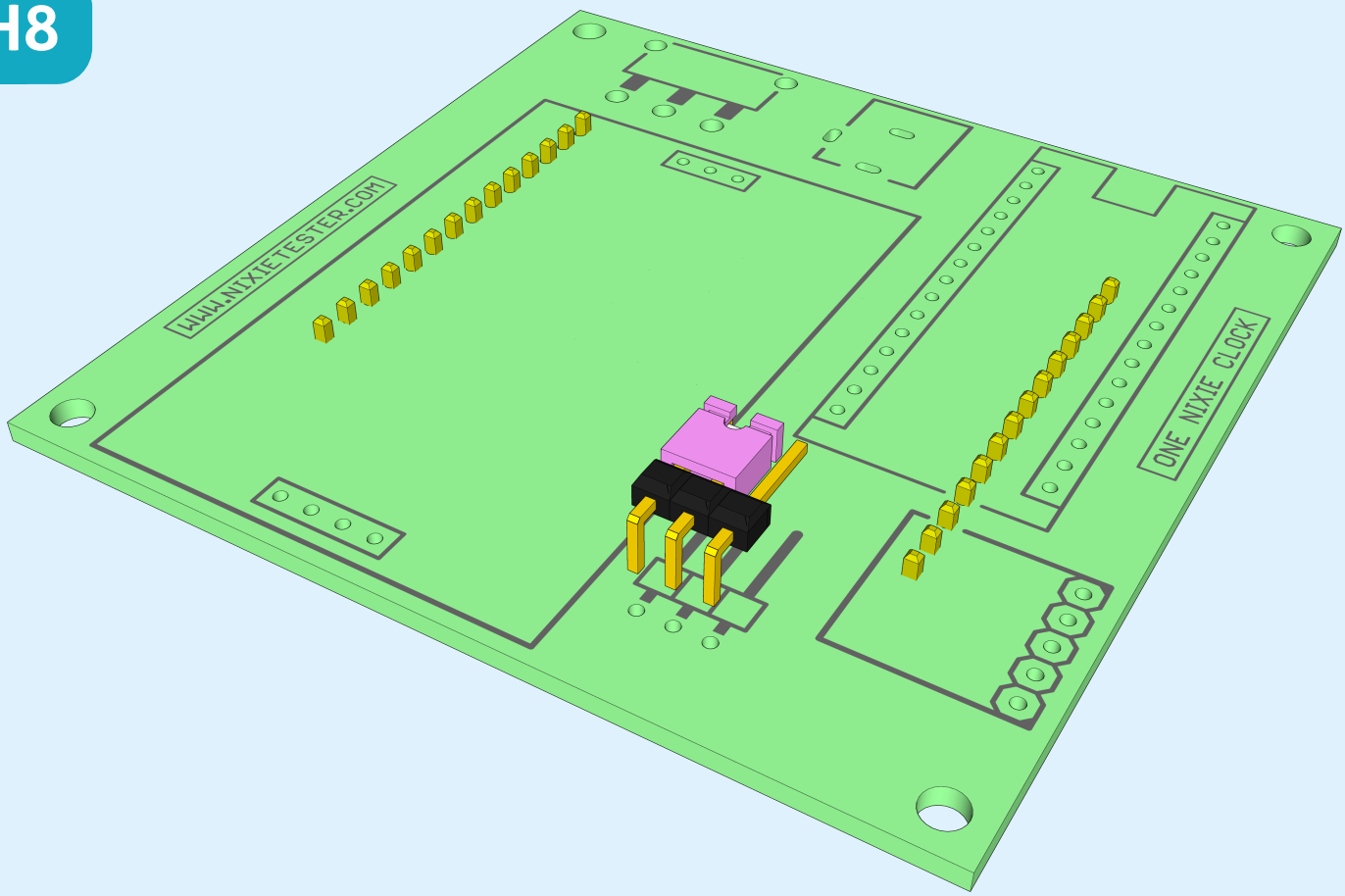


PH1, PH2





PH8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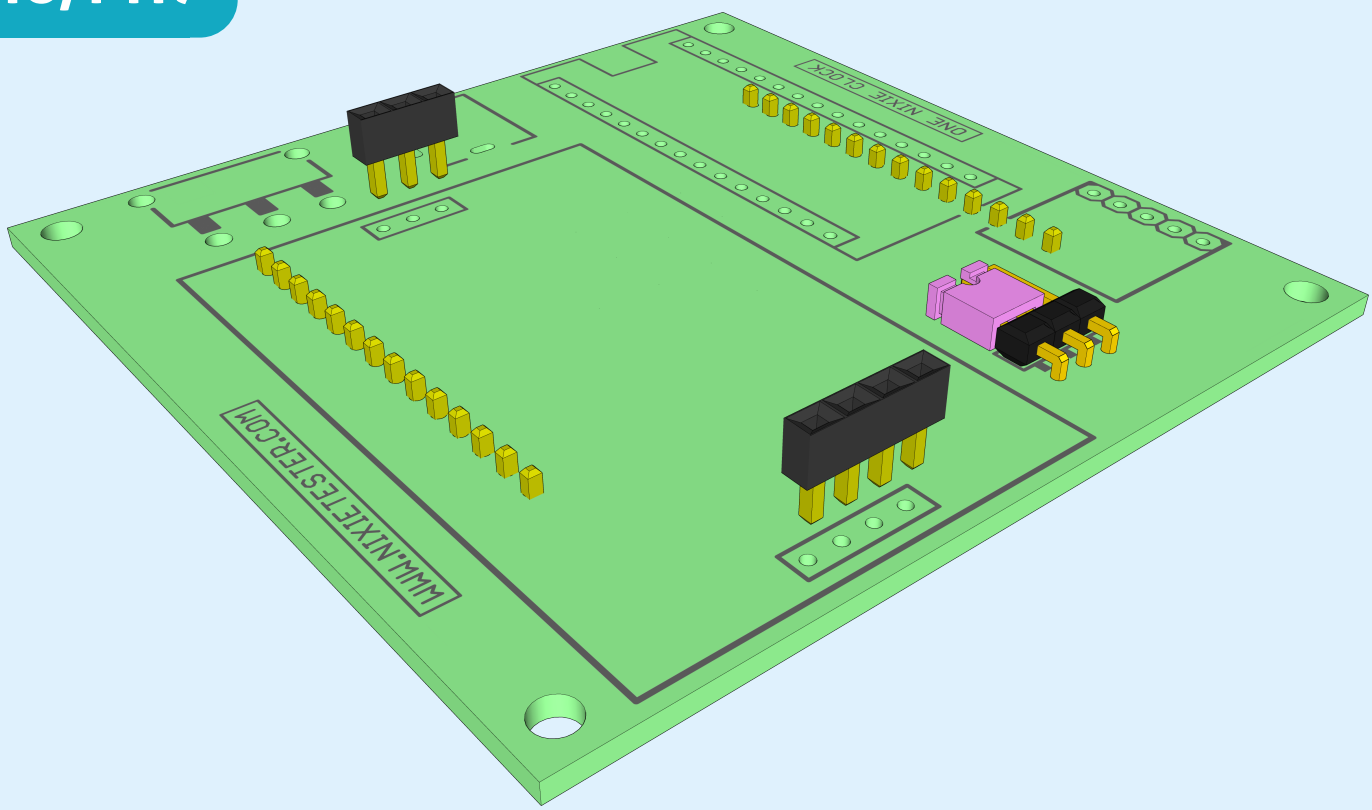
ONE NIXIE CLOCK

PH6, PH7


ONE NIXIE CLOCK
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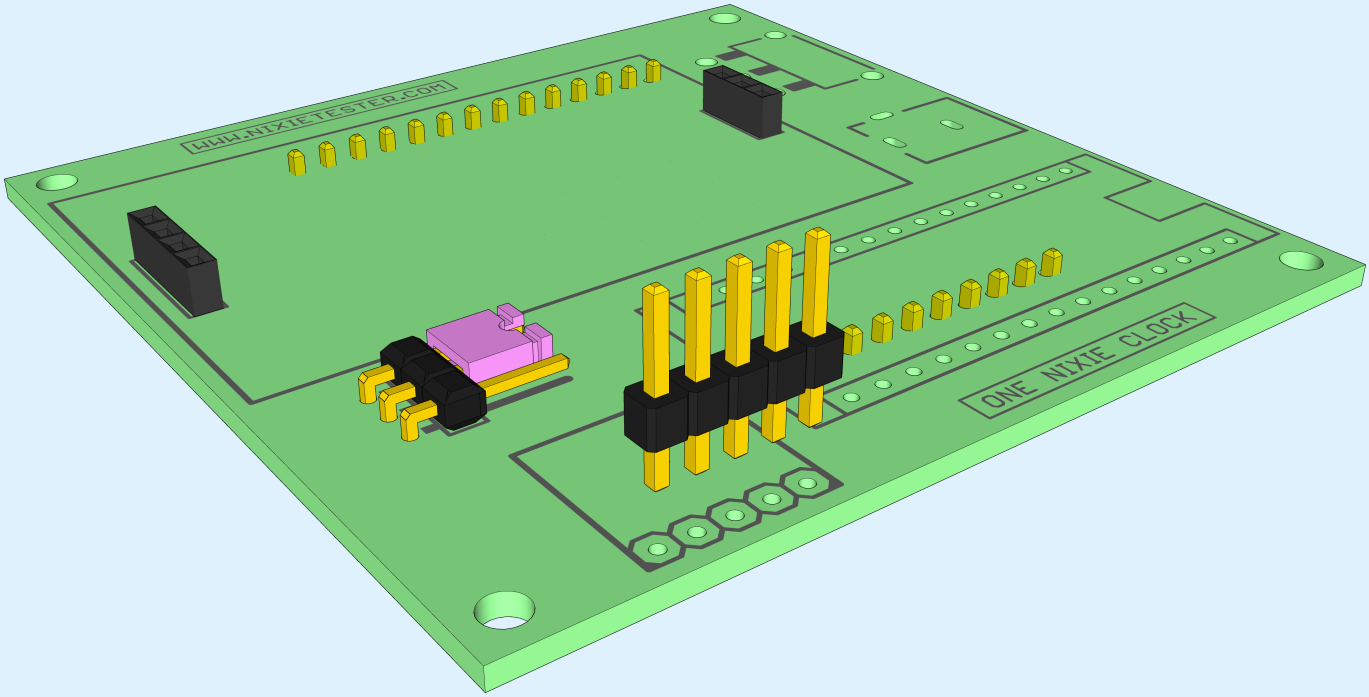
PH5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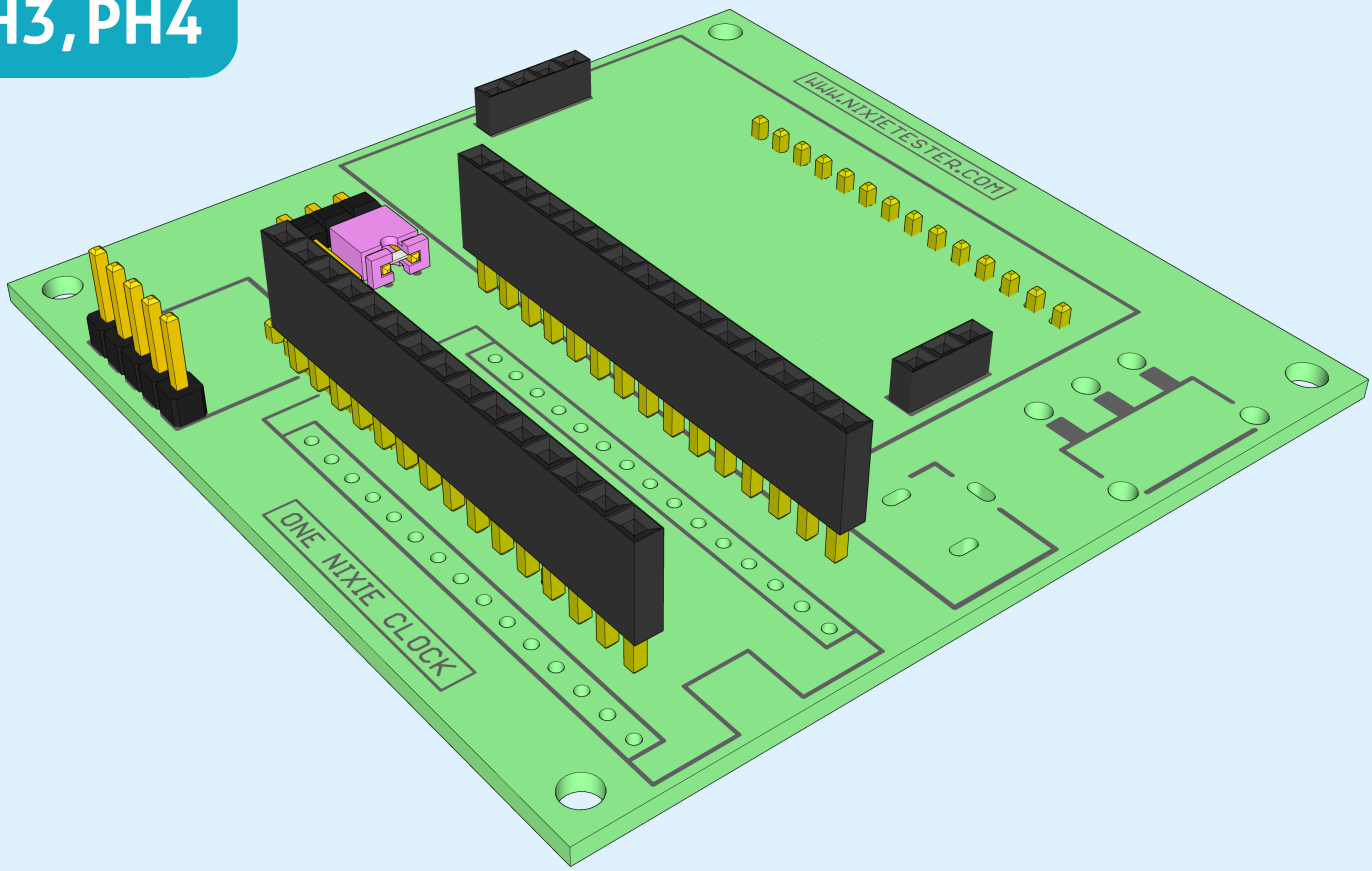
ONE NIXIE CLOCK

PH3, PH4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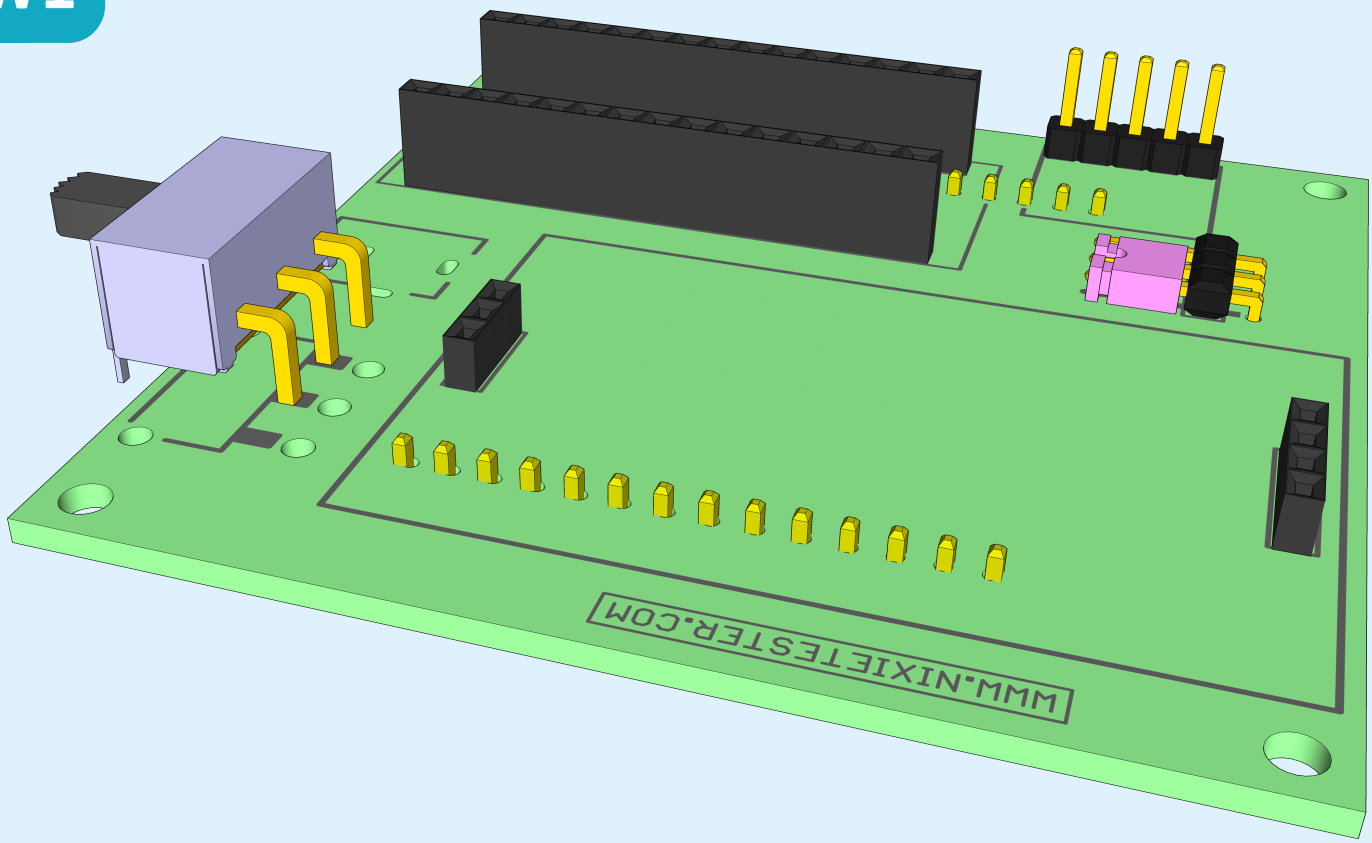
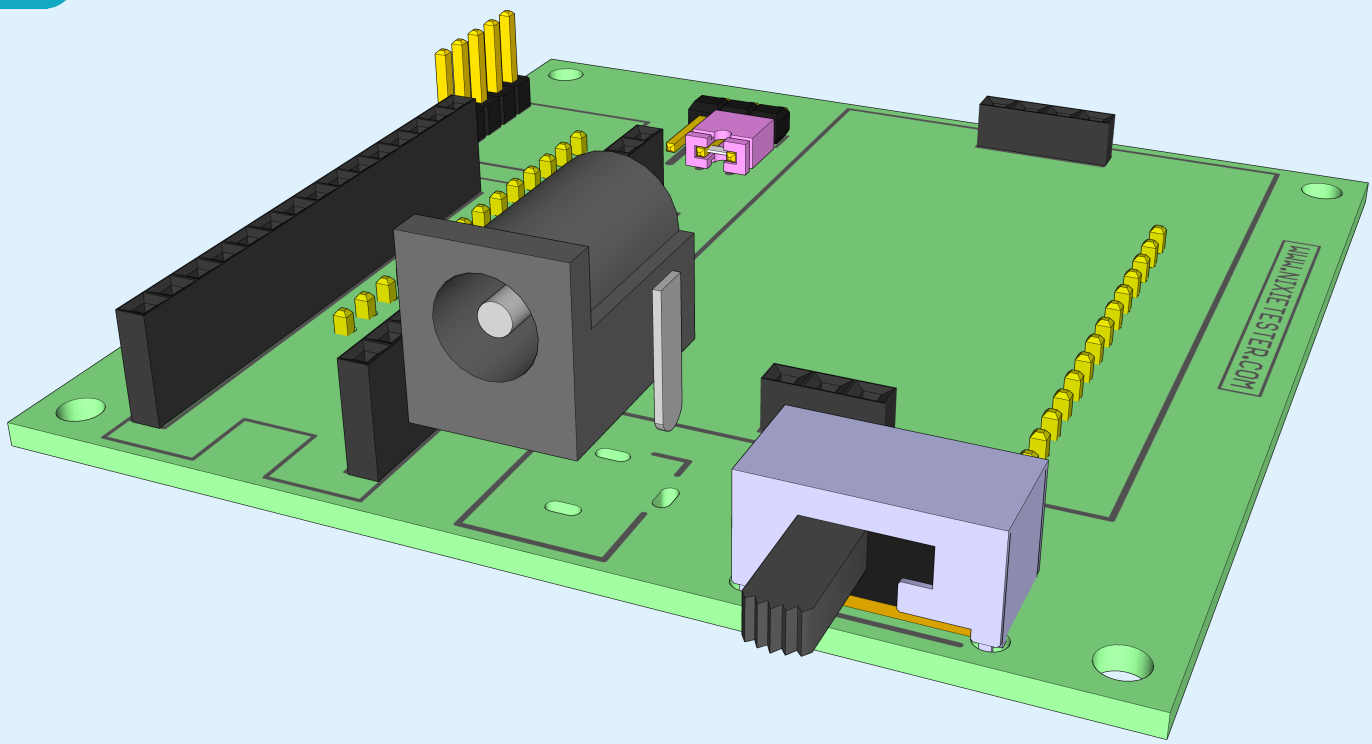
ONE NIXIE CLOCK

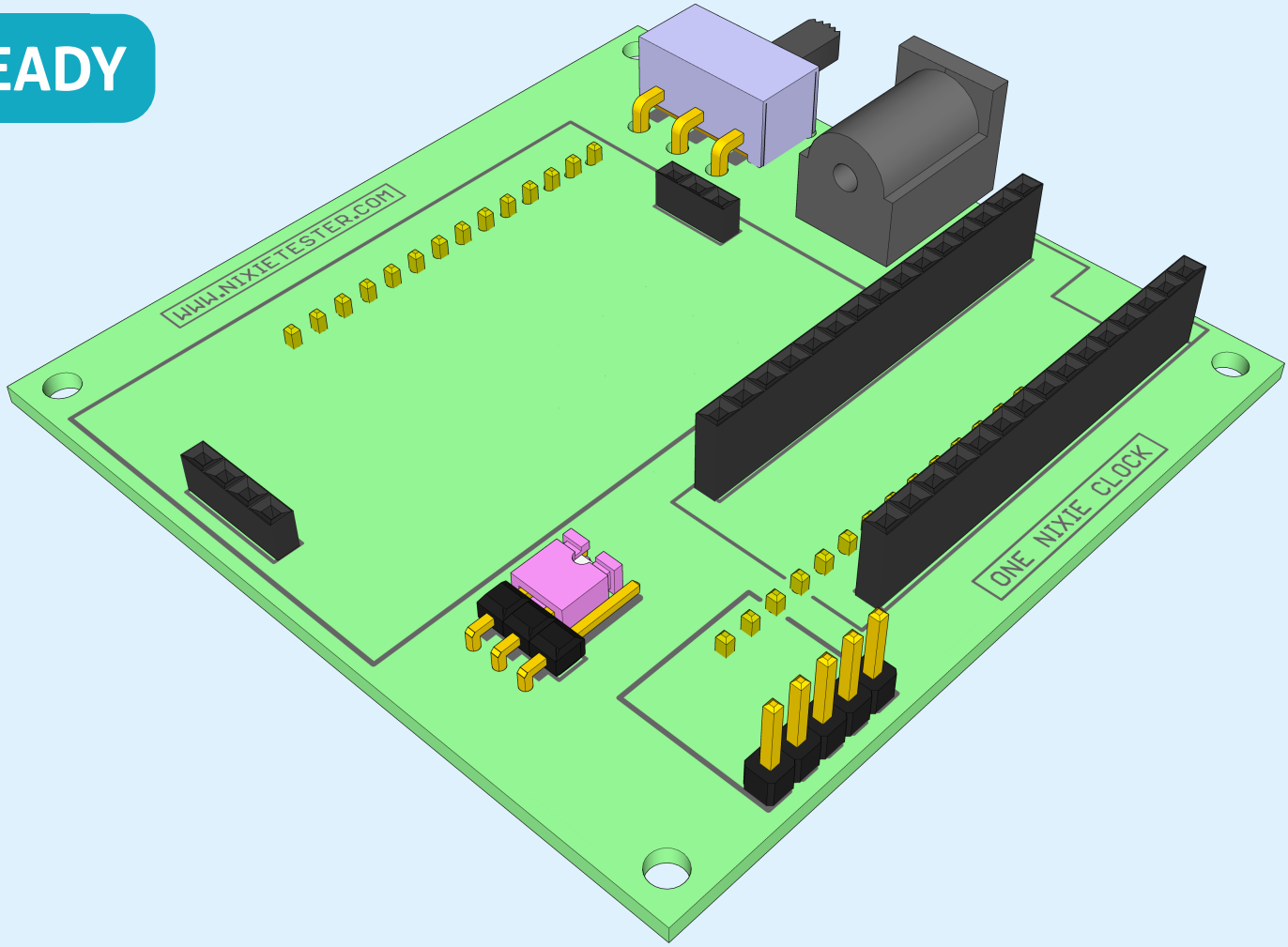
SW1



VIN



READY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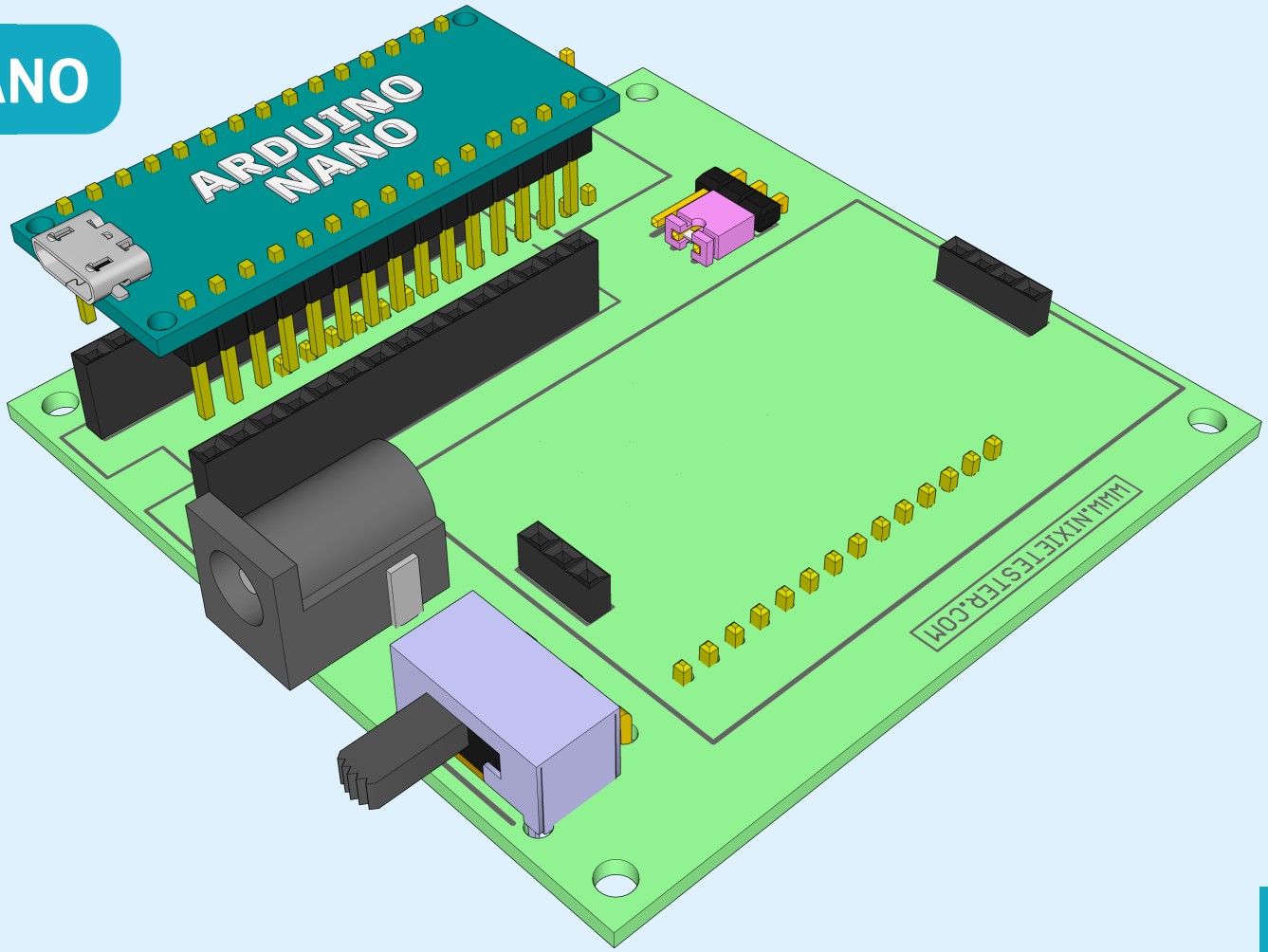
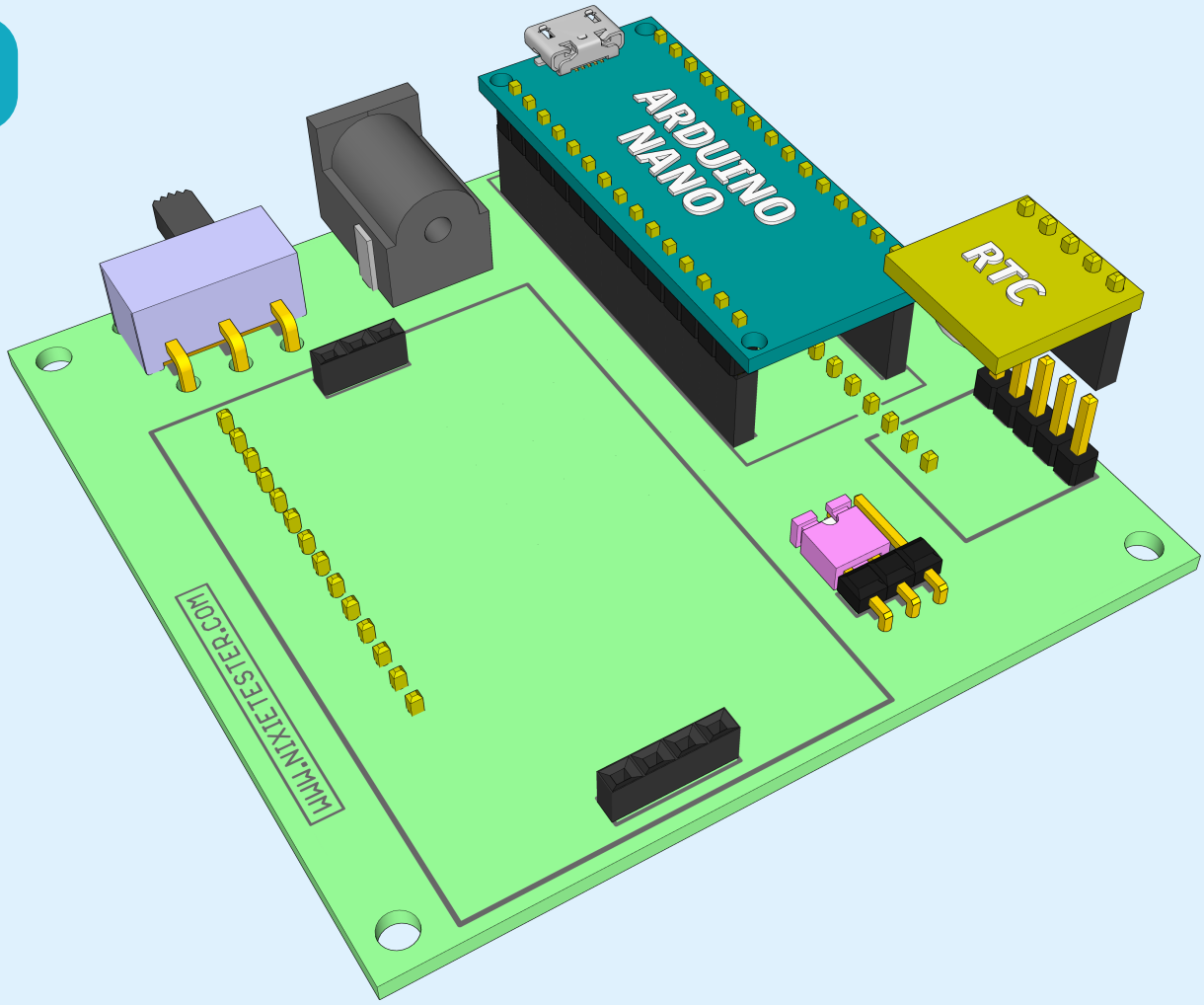
ONE NIXIE CLOCK

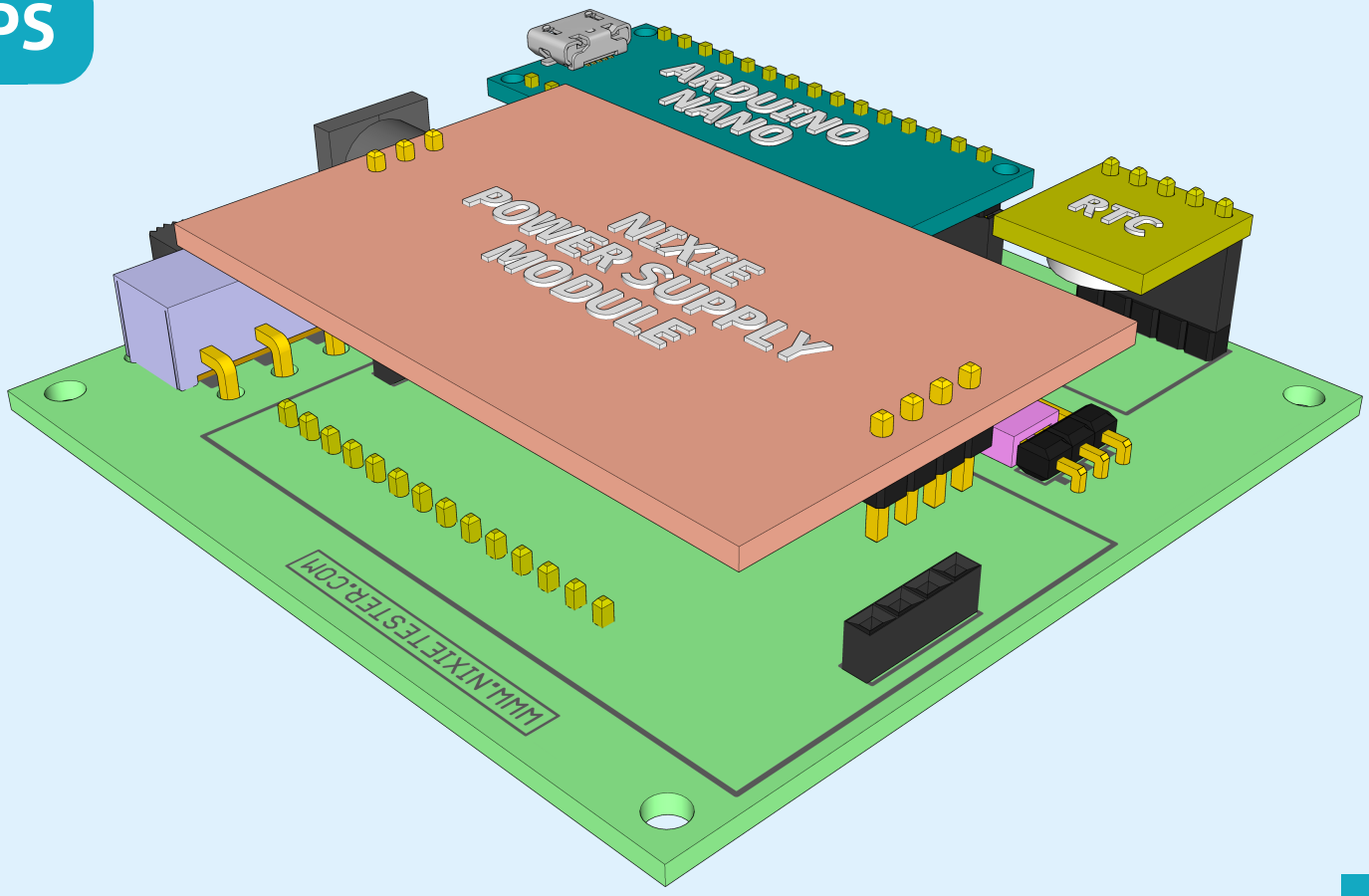
NANO

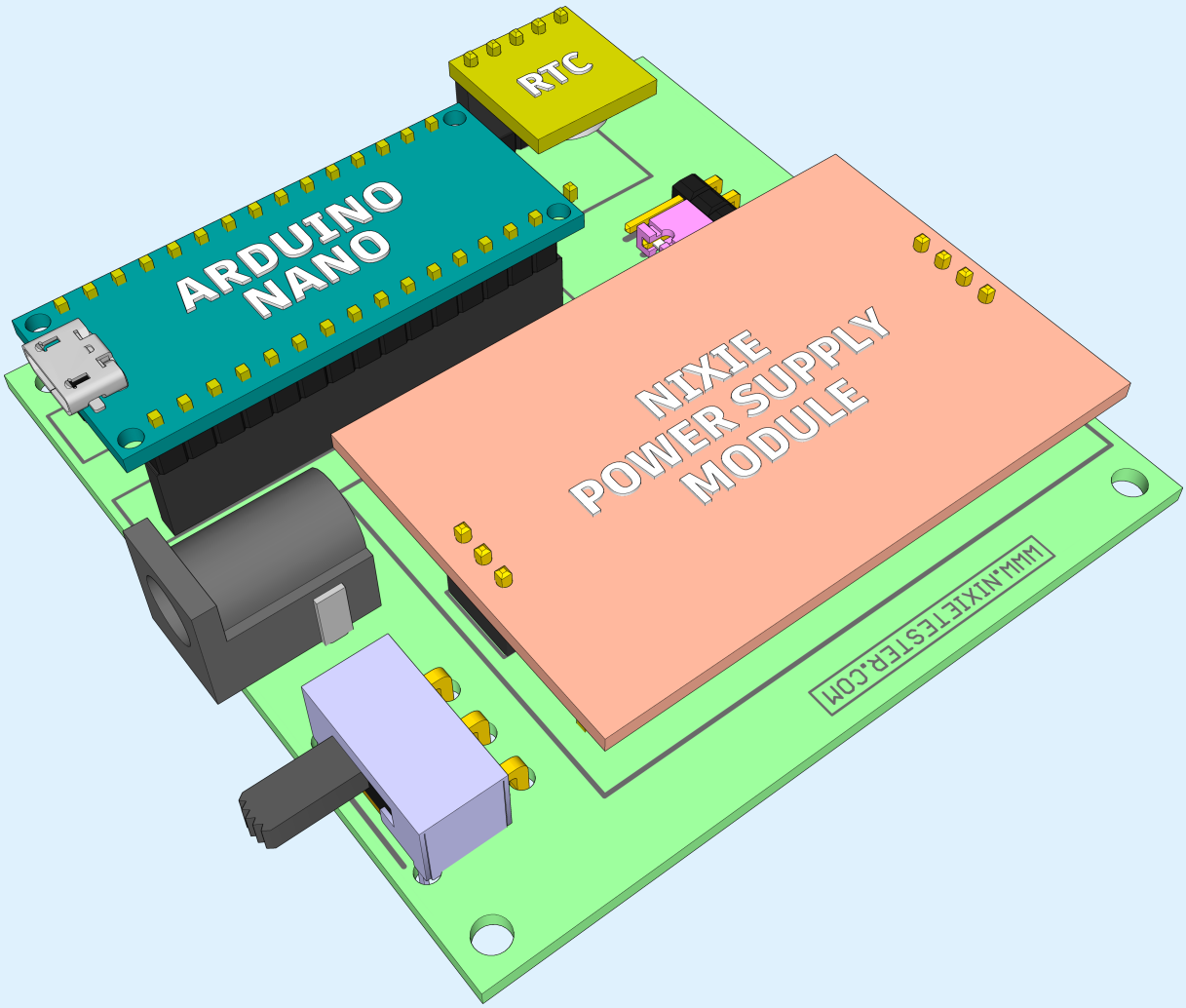

ARDUINO
NANO
WWW.NIXIETESTER.COM

RTC


ARDUINO
NANO
RTC
WWW.NIXIETESTER.COM

NPS


ARDUINO
NANO
NIXIE
POWER SUPPLY
MODULE
RTC
WWW.NIXIETESTER.COM


RTC
ARDUINO
NANO
NIXIE
POWER SUPPLY
MODULE
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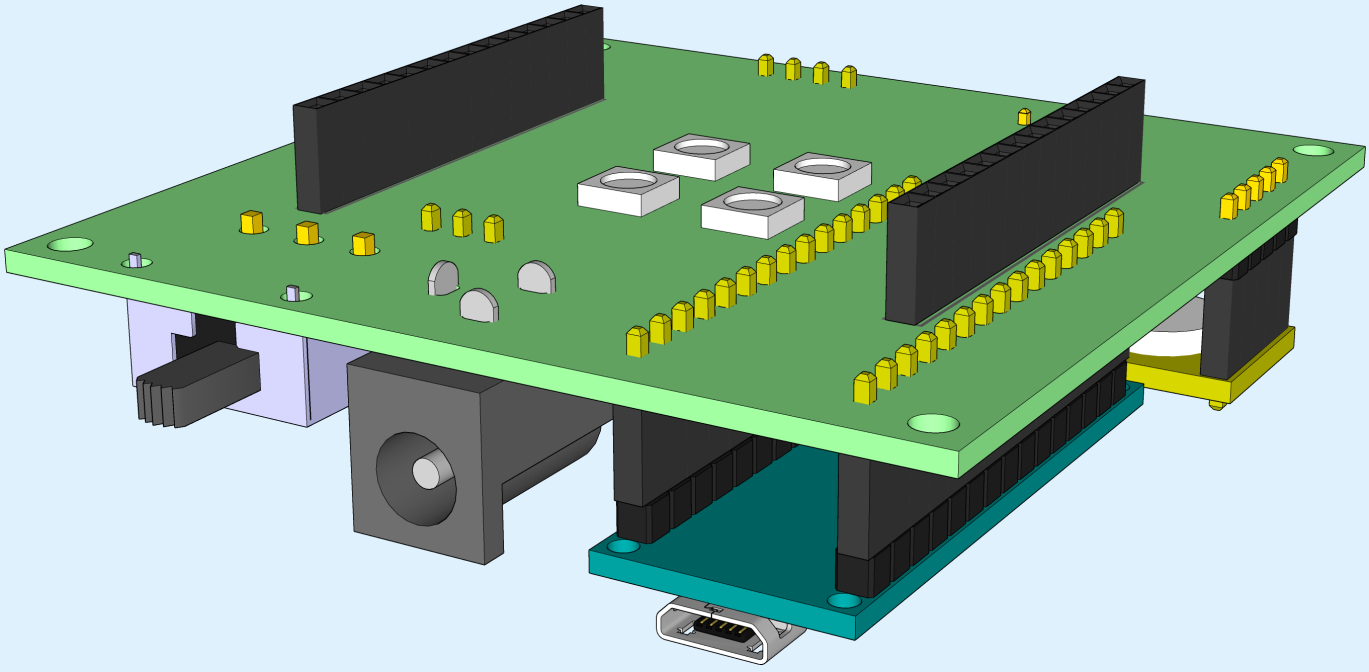
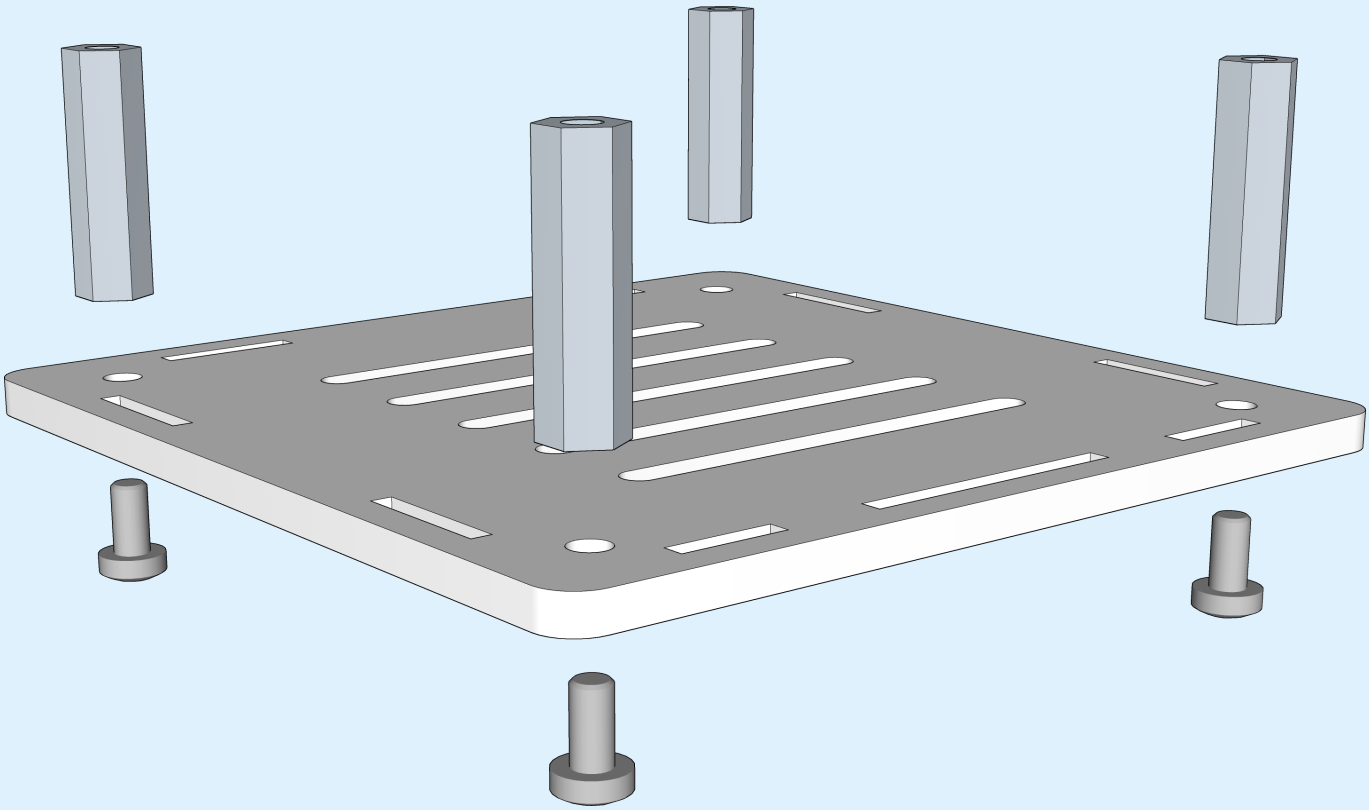
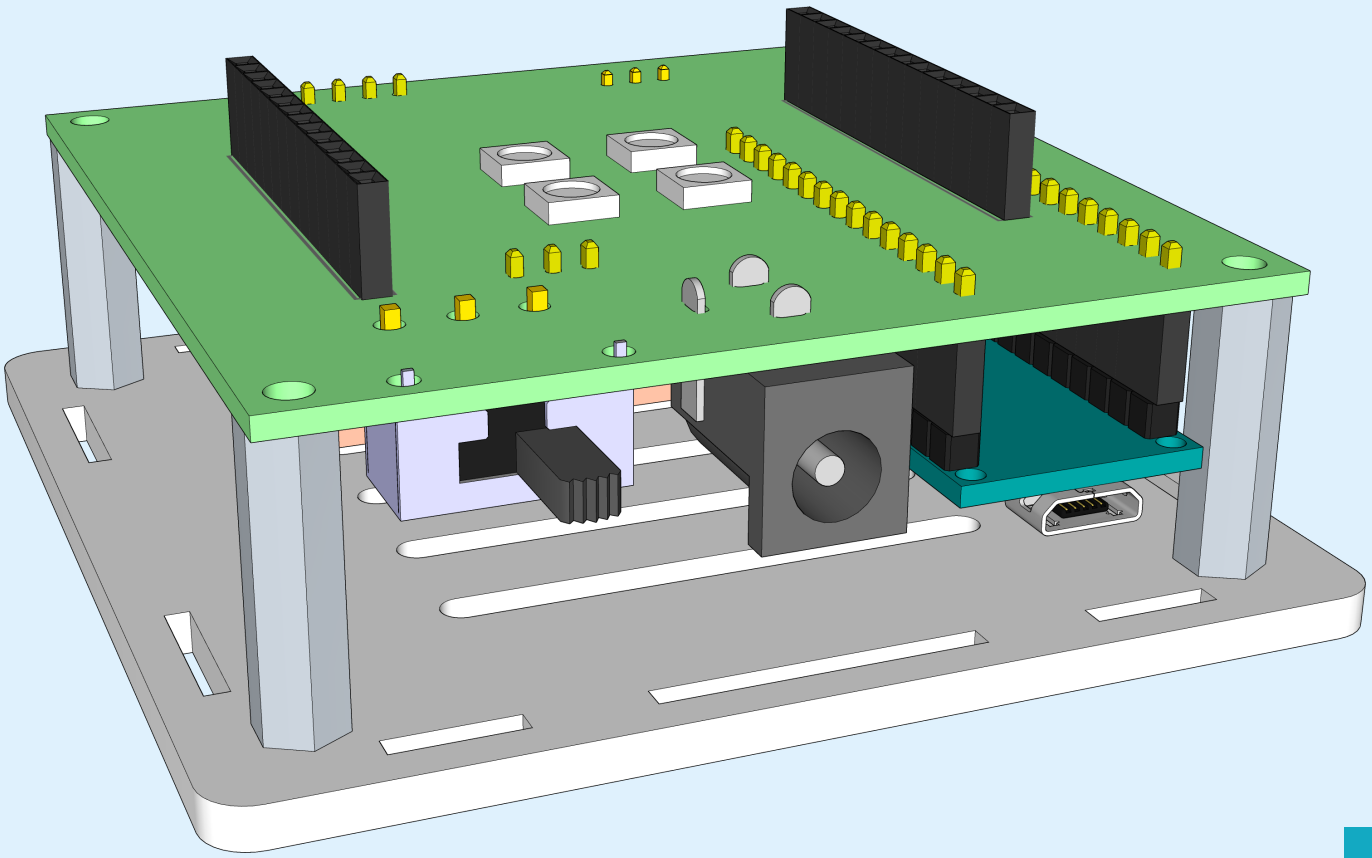
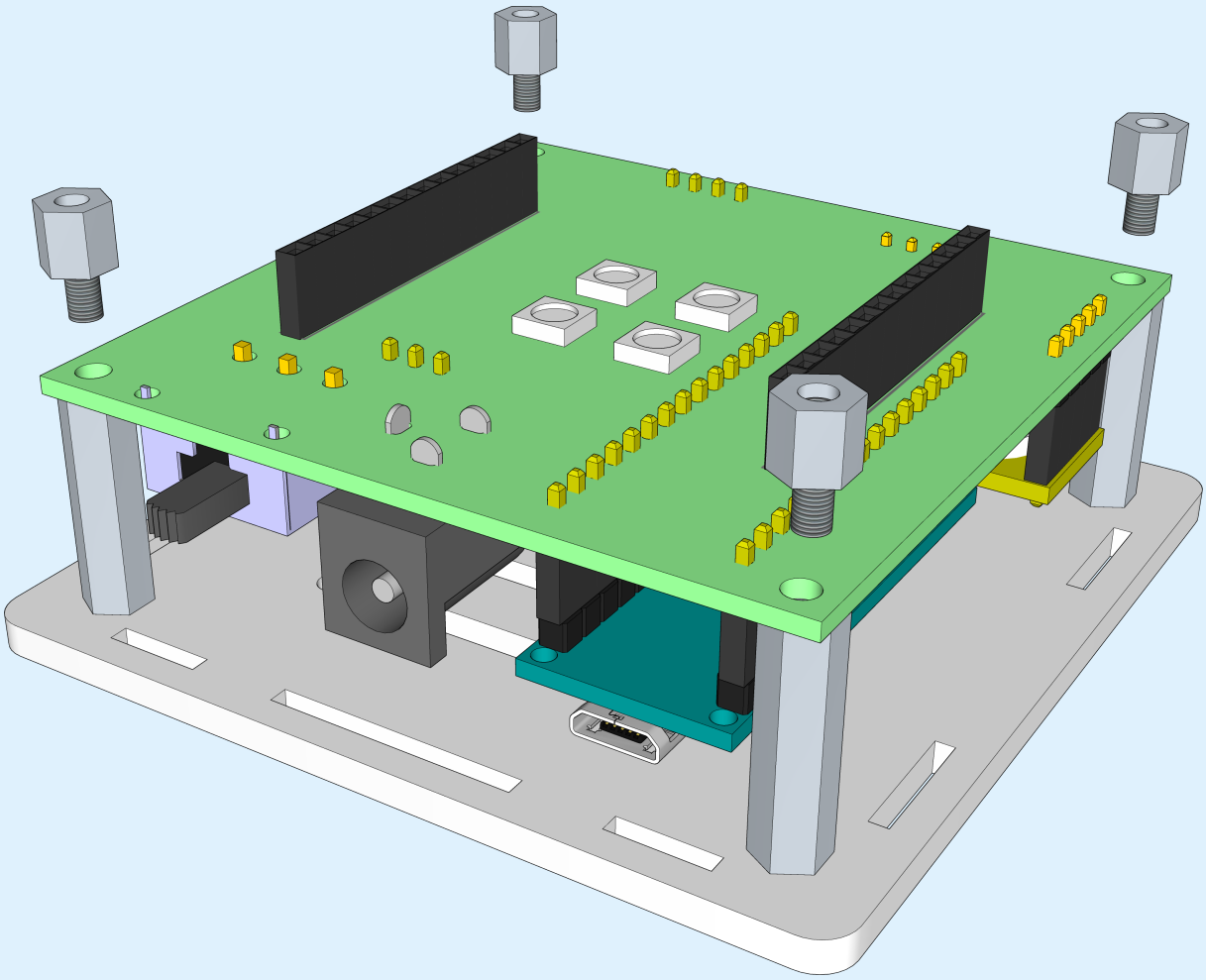
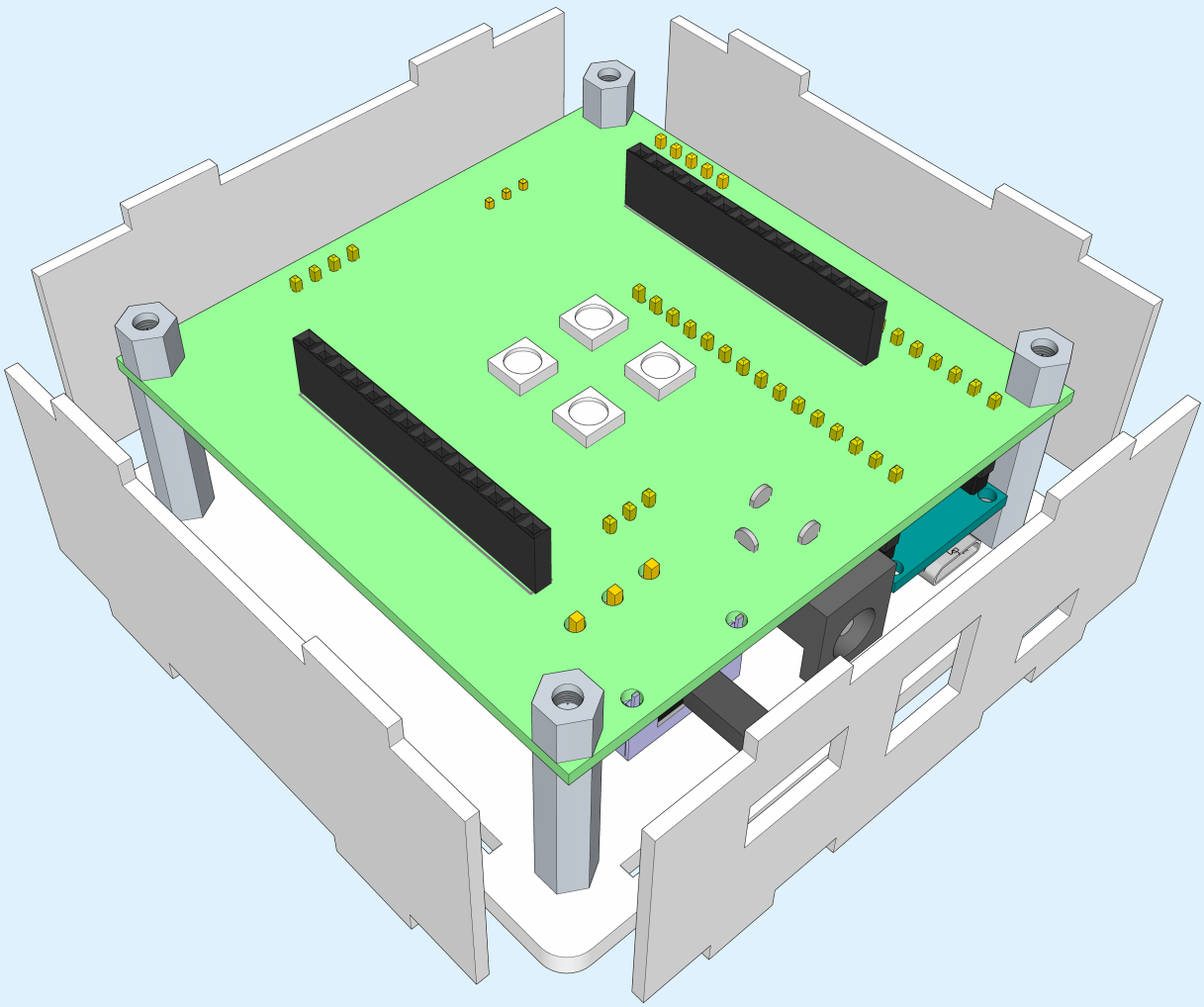
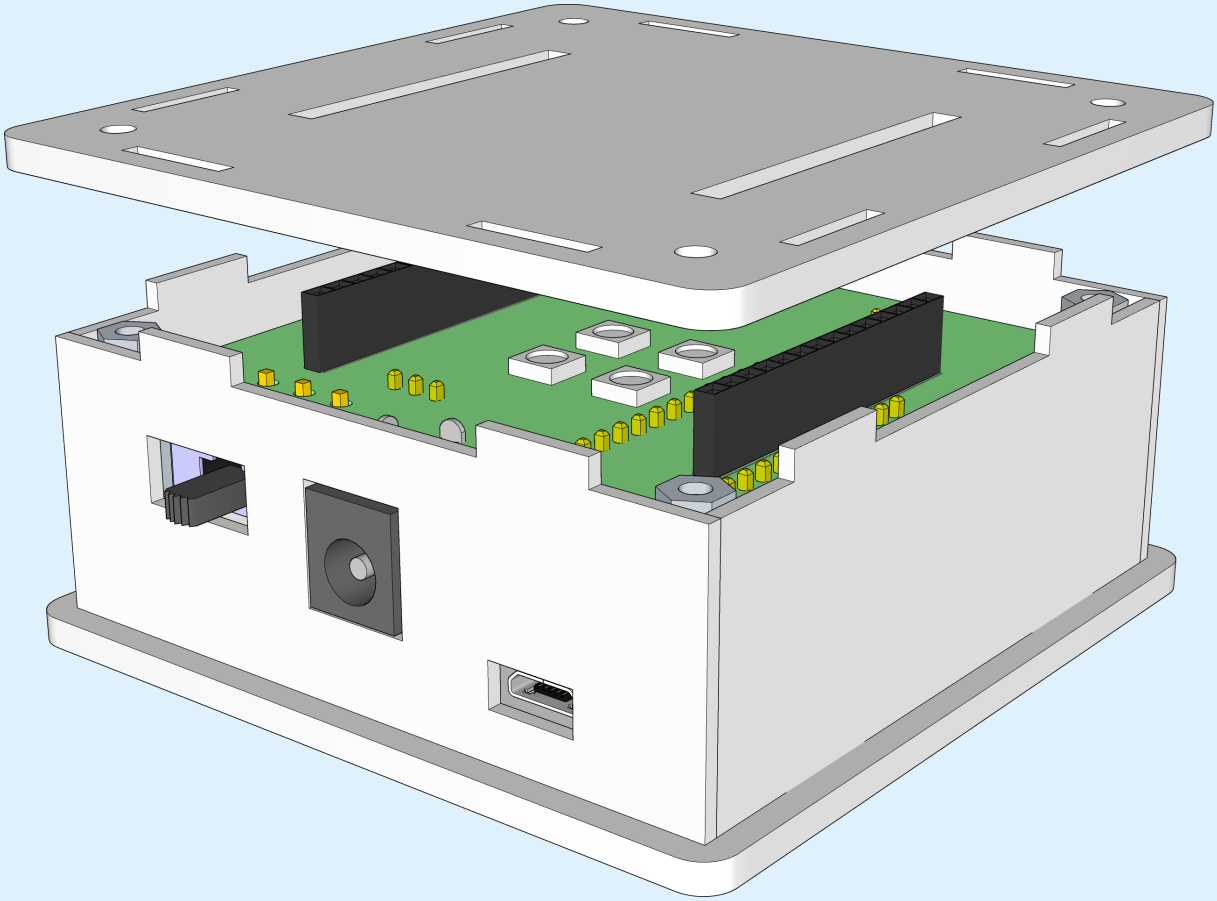


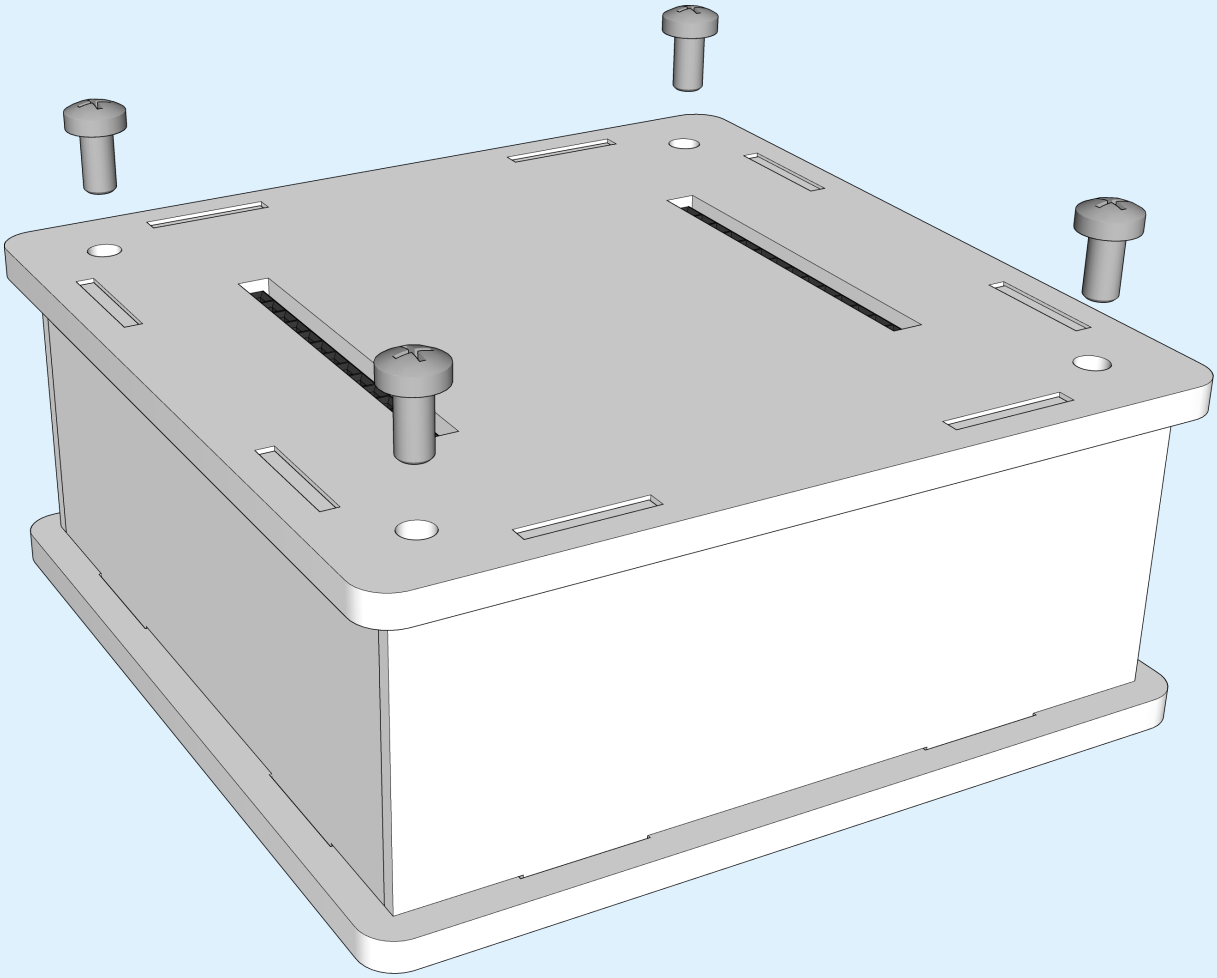


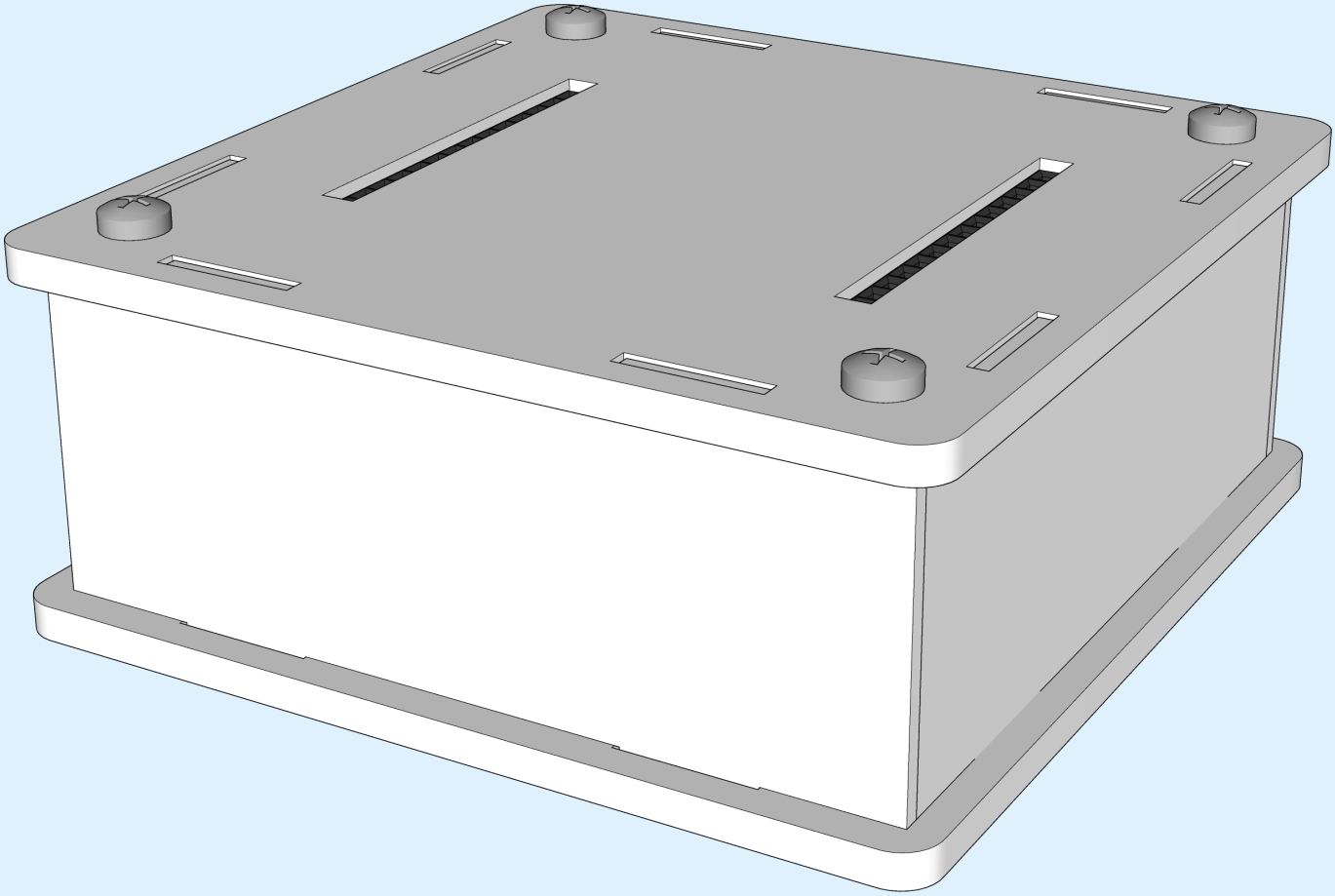


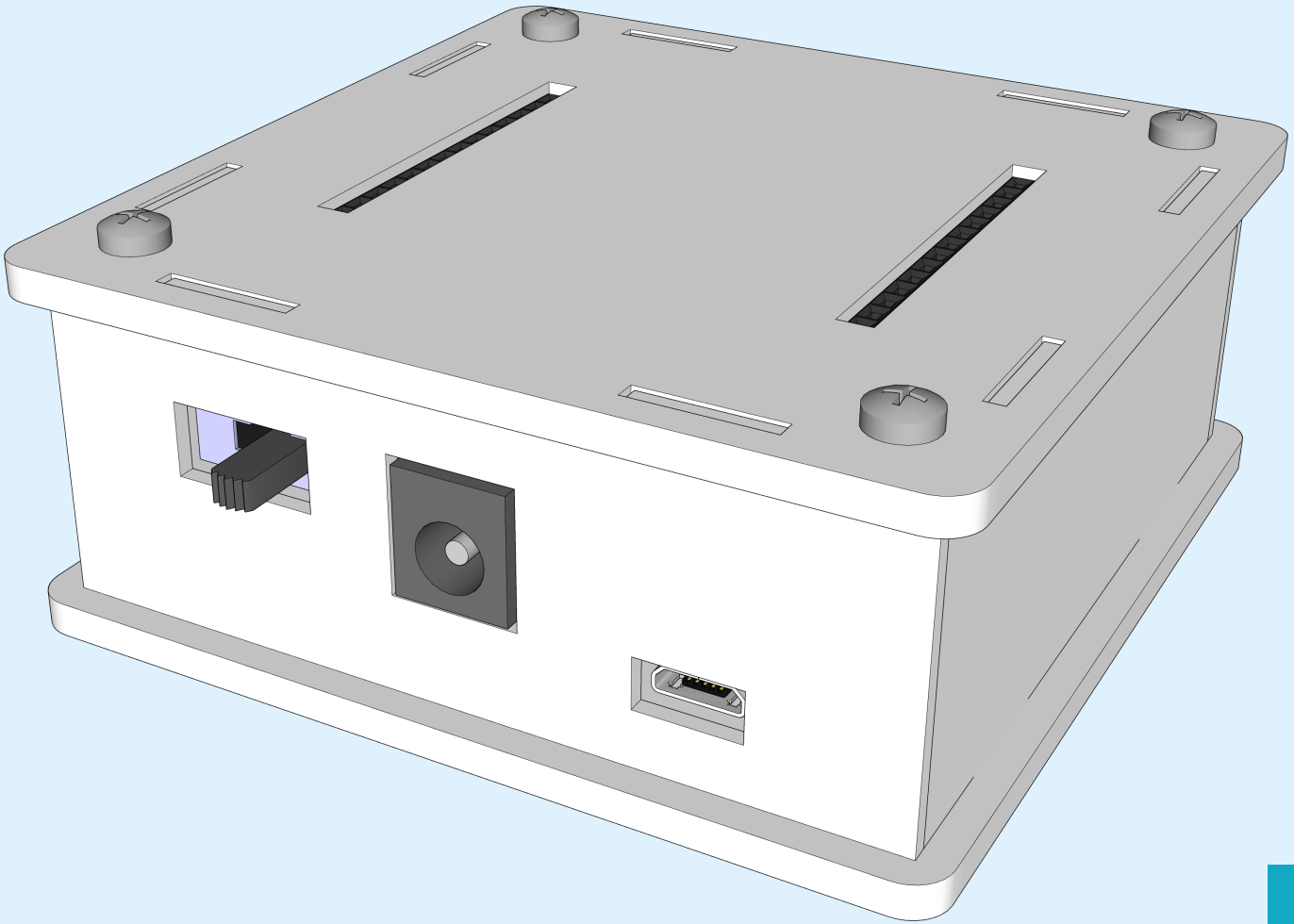






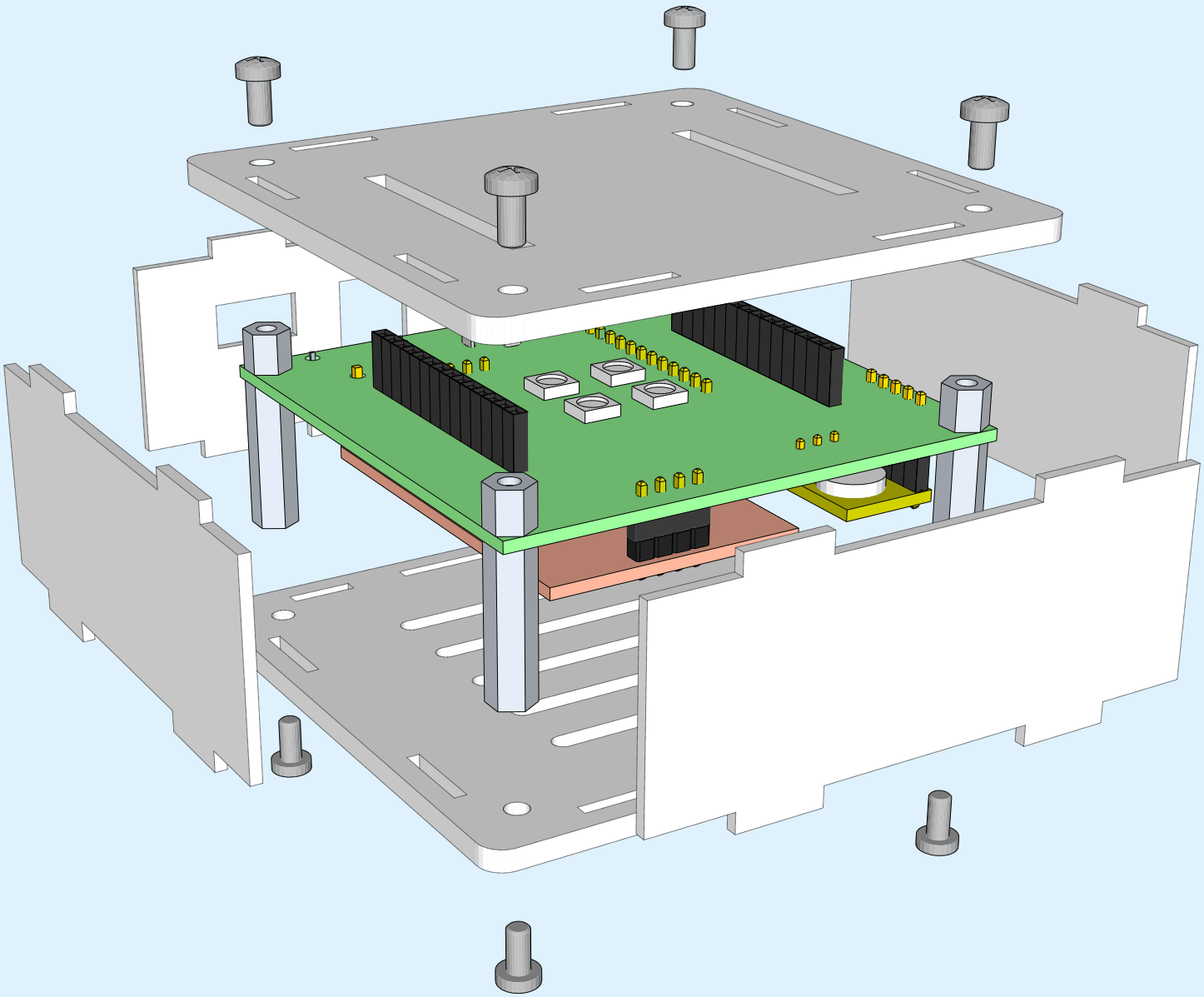






ONE NIXIE CLOCK

ASSEMBLY INSTRUCTION



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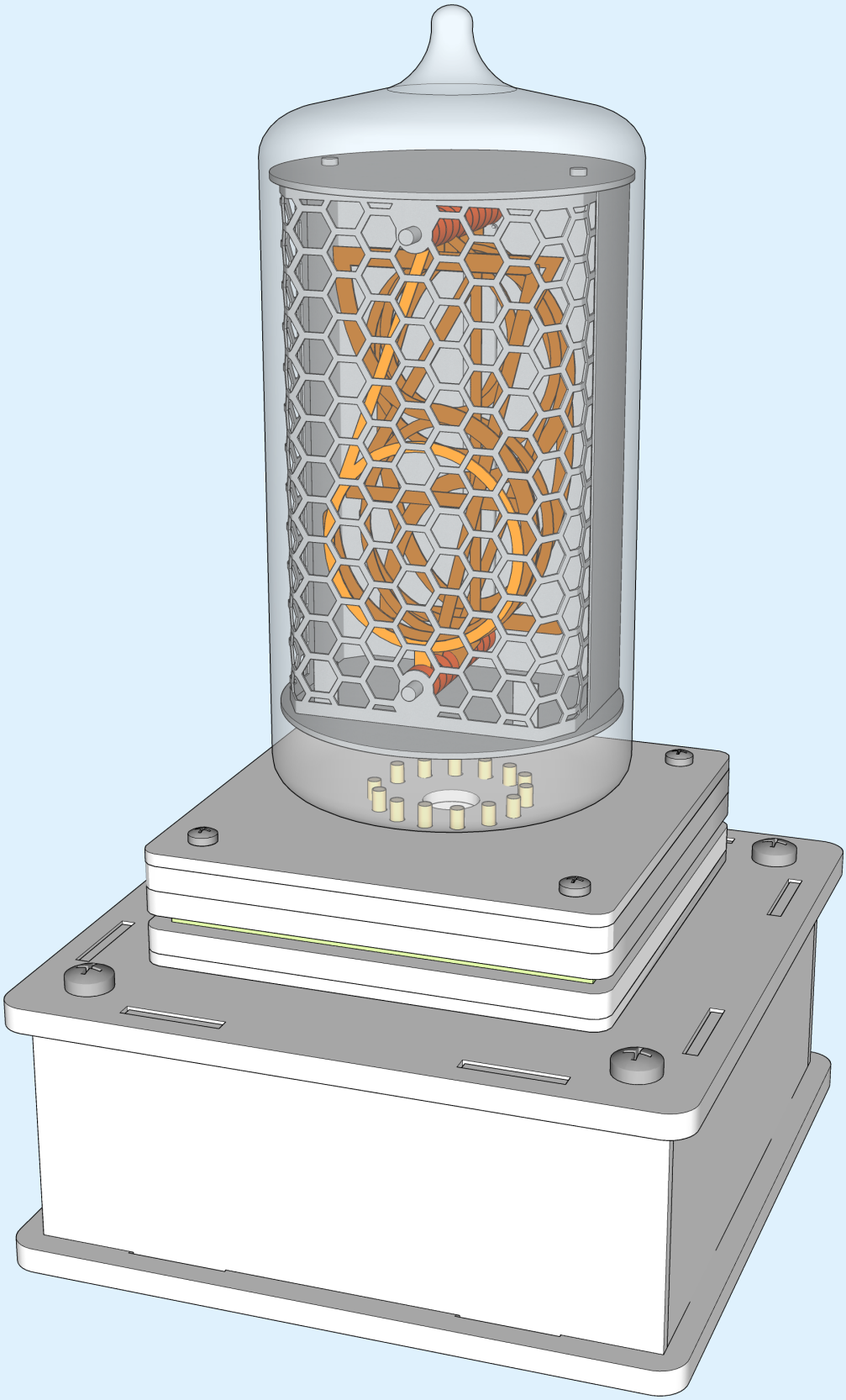

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