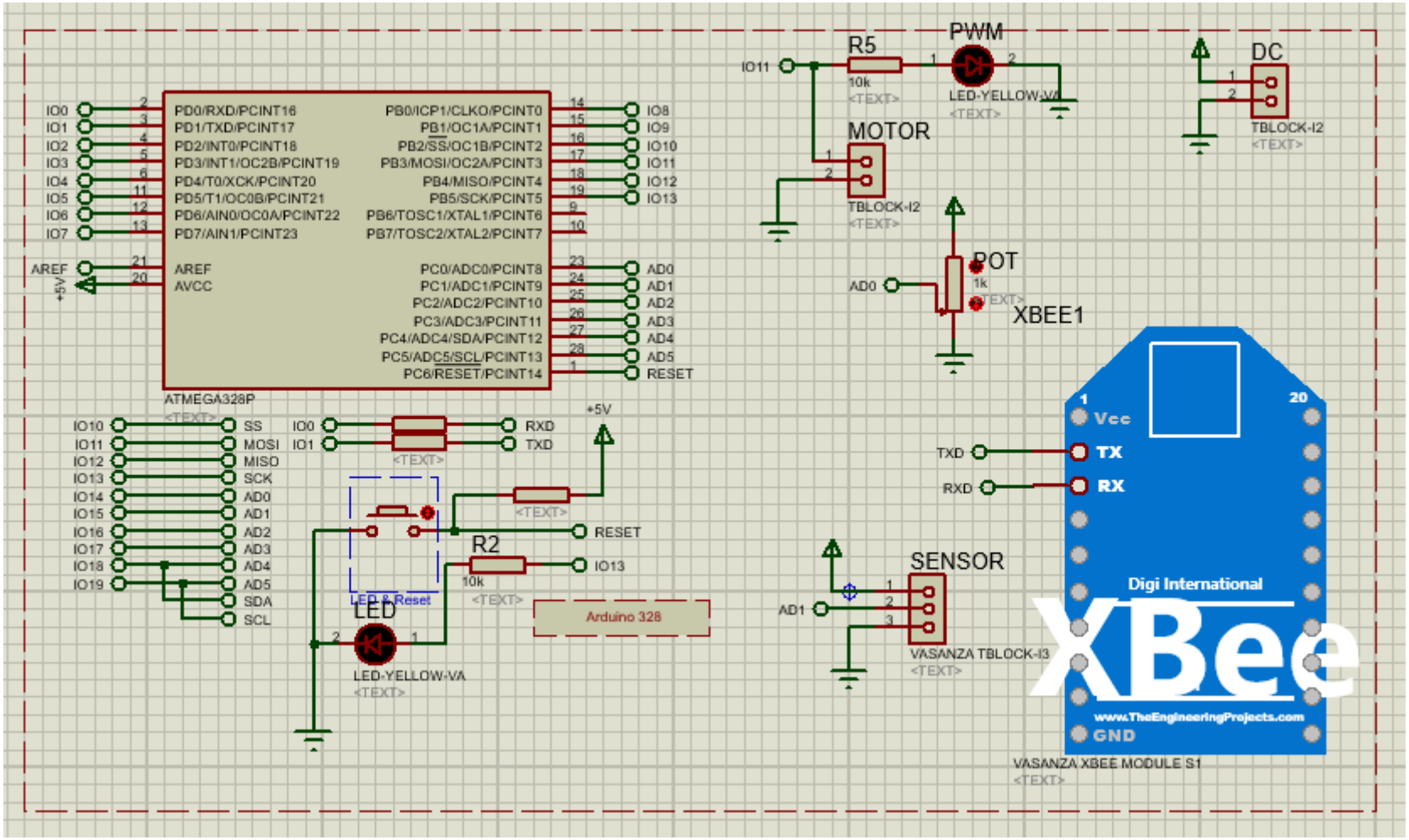
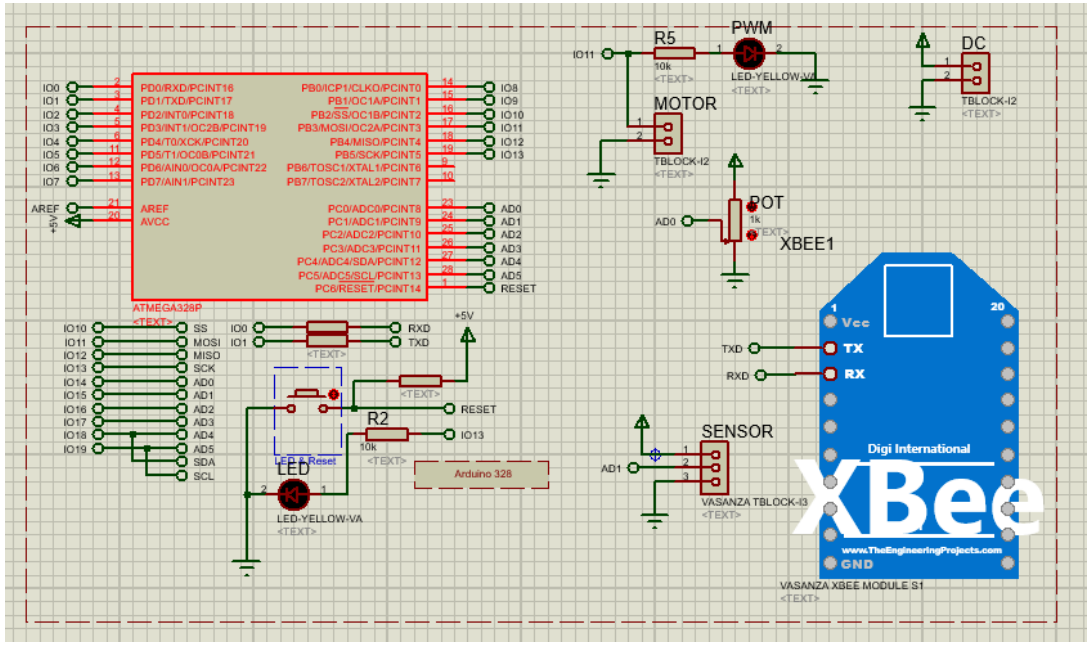
PROTEUS
PCB DESIGN
(Ejemplo 1)

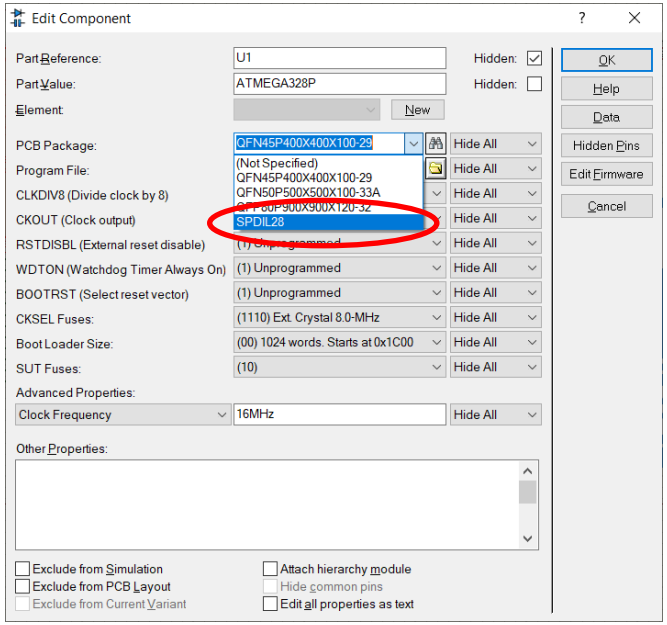
Schematic – End Device



Proteus – Schematic

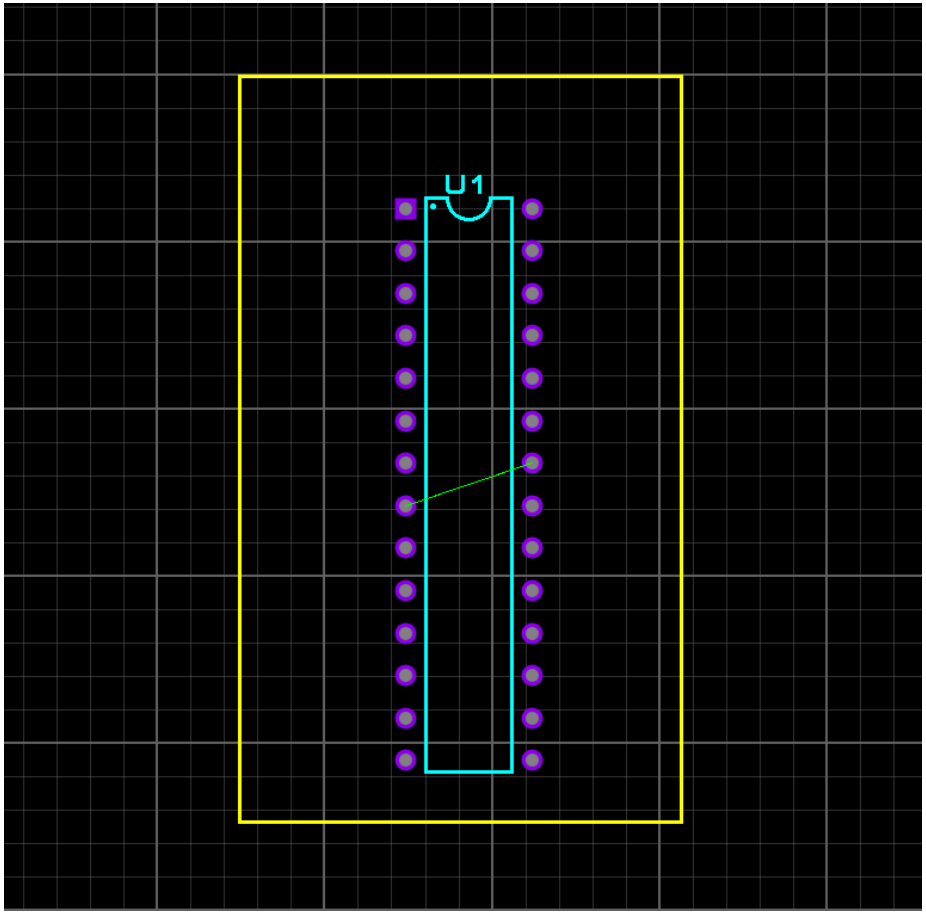
Encapsulado tipo DIP del AVR Atmega 328P



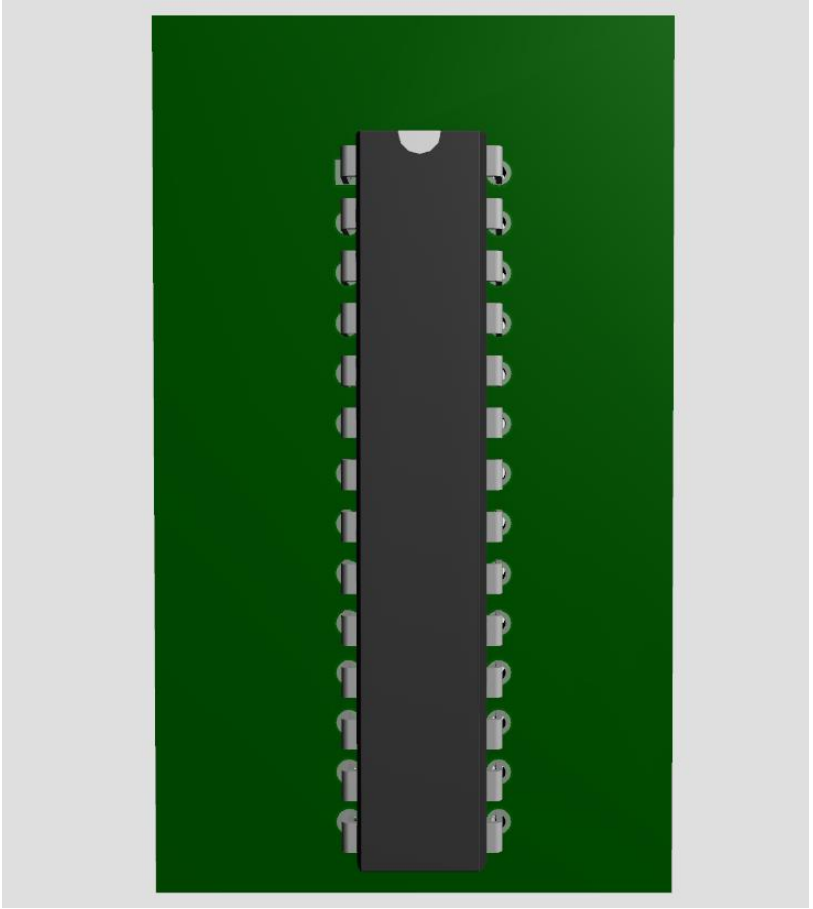


Proteus

PCB Layout

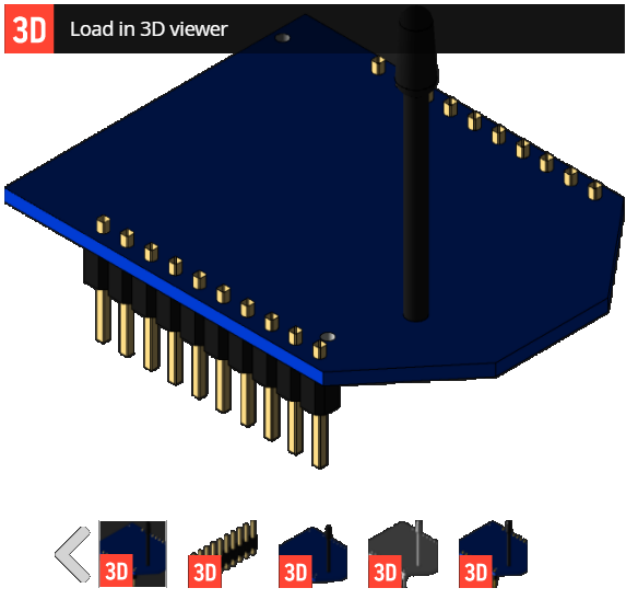


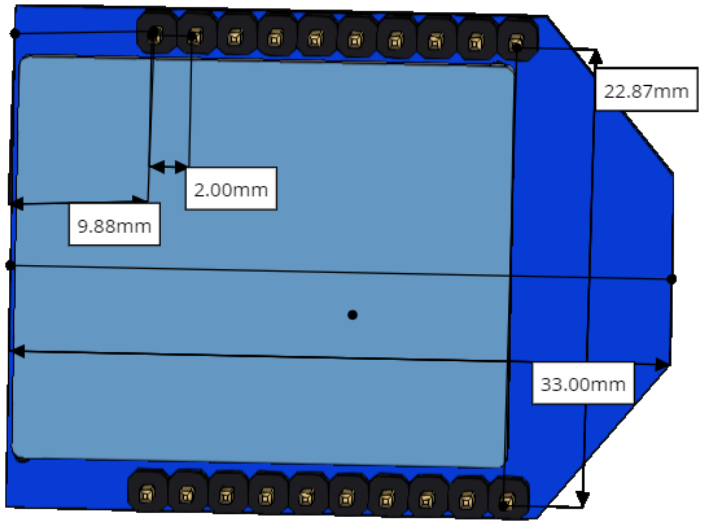
3D Visualizer

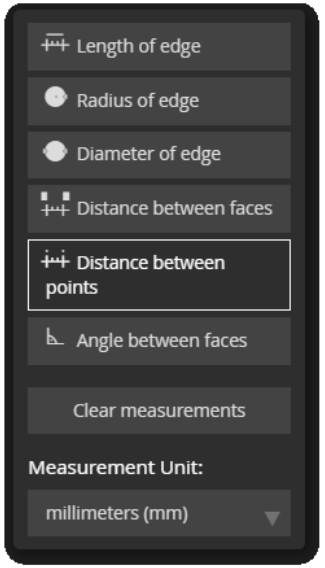


XBEE

https://grabcad.com/library/xbee-pro-60mw-1







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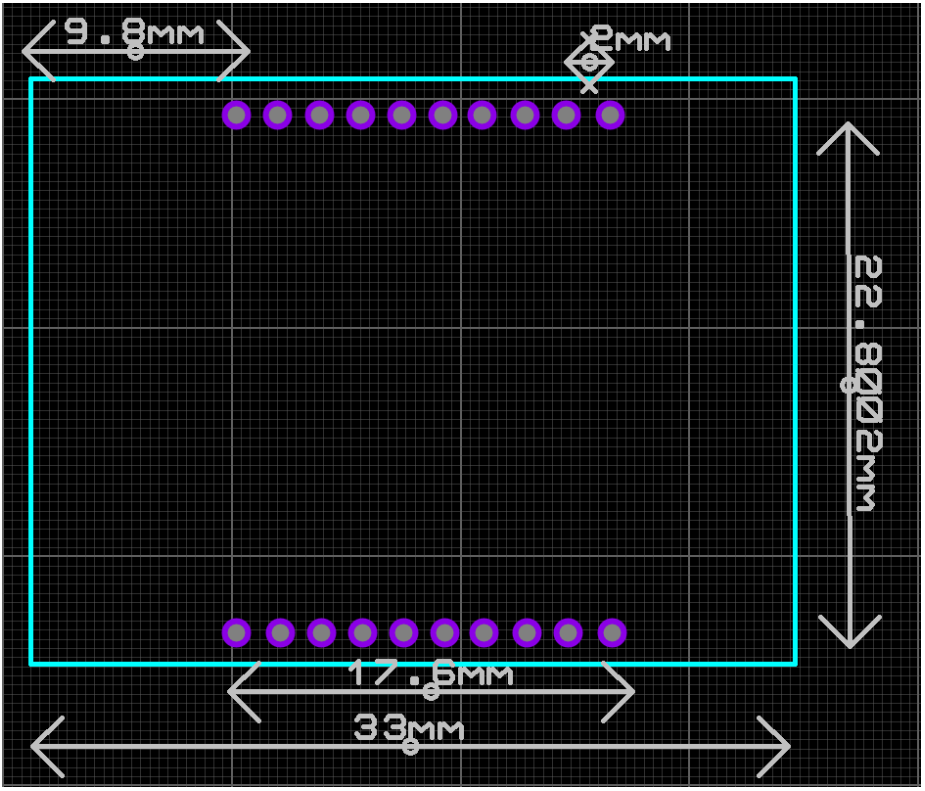
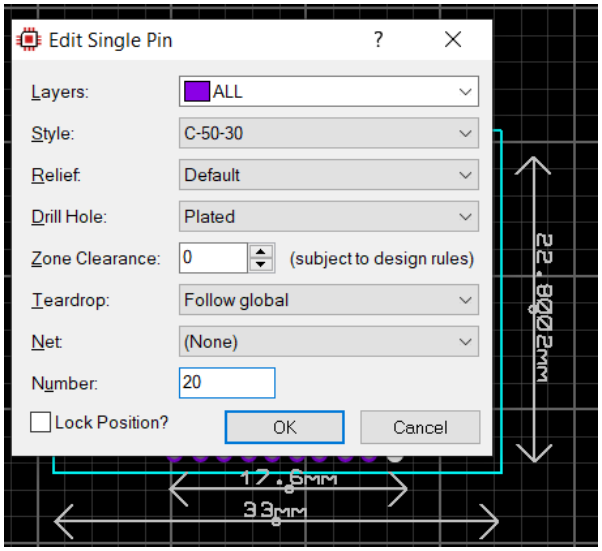
Proteus – PCB Layout

Footprint



Pin Number



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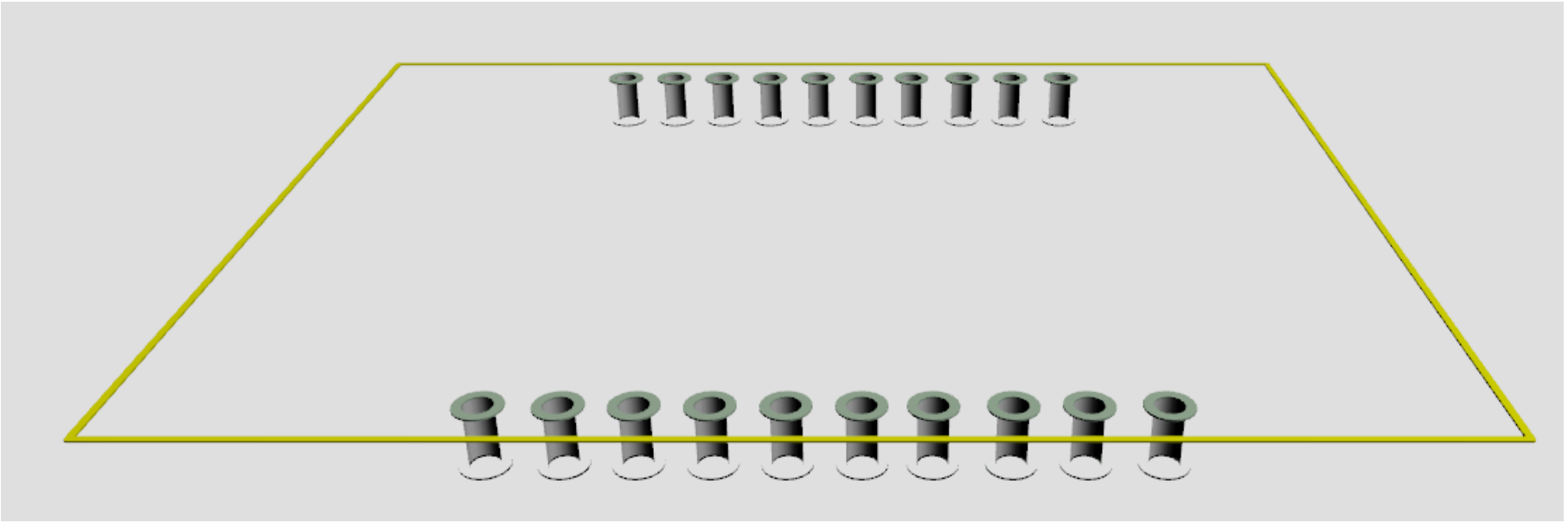
Proteus – 3D Visualizer



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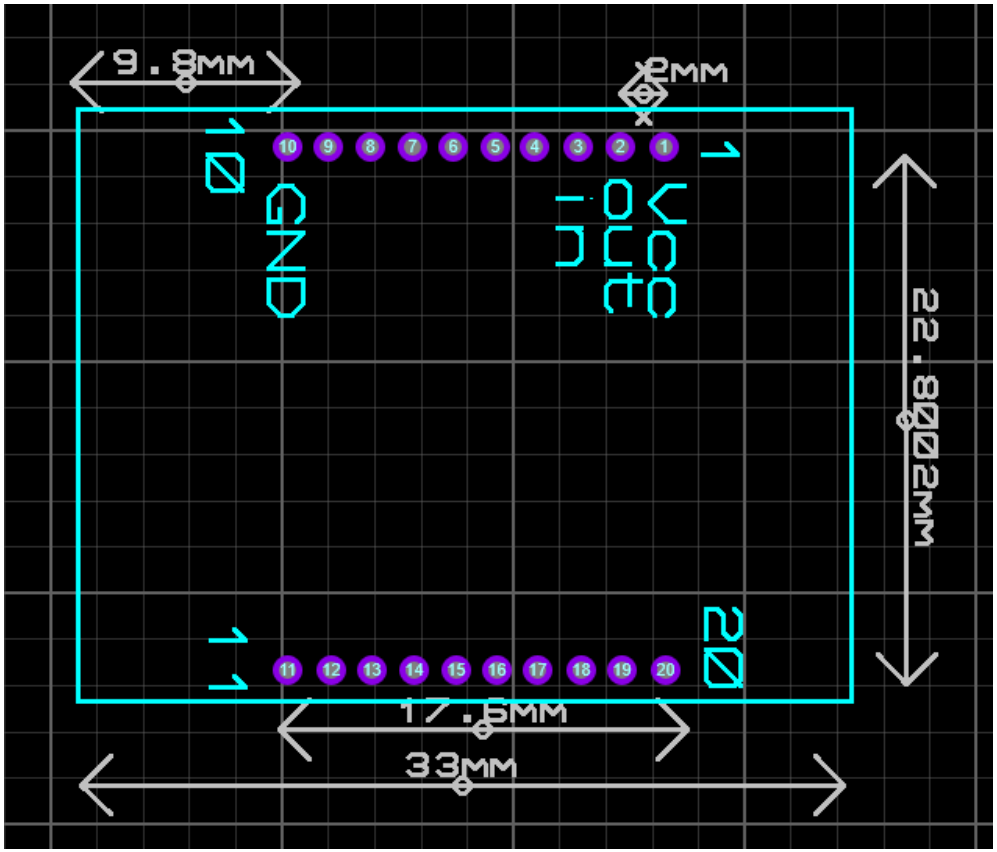
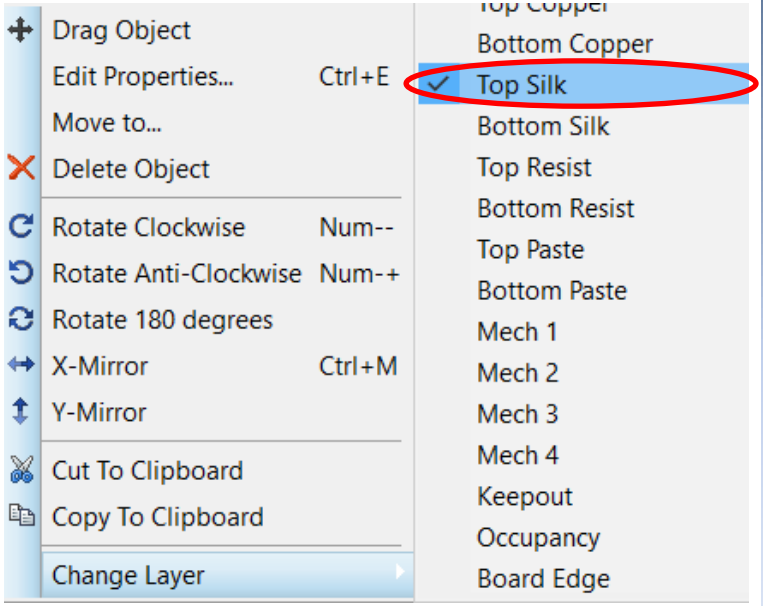
Proteus – PCB Layout

Footprint





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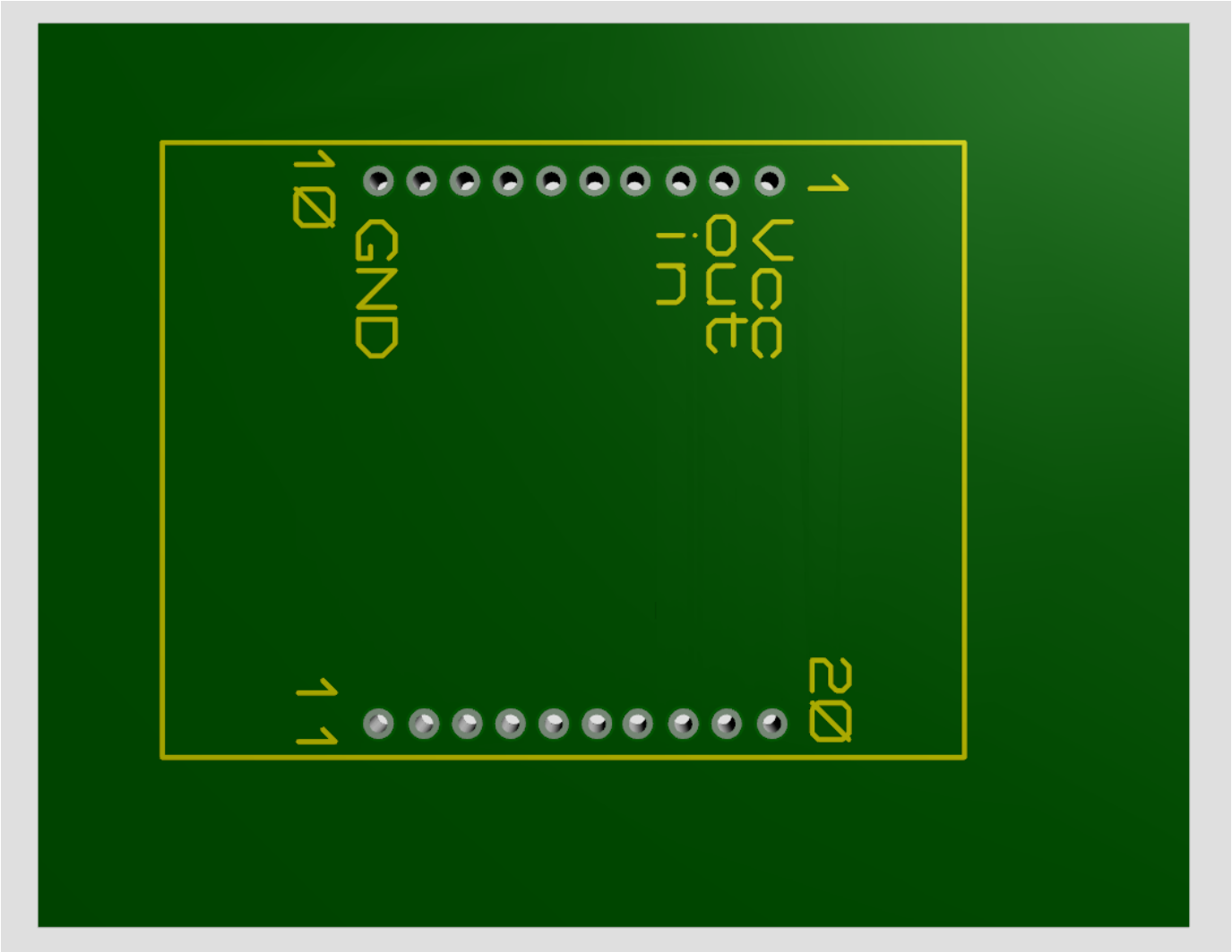
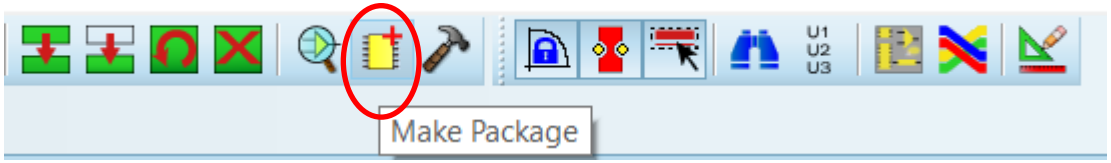
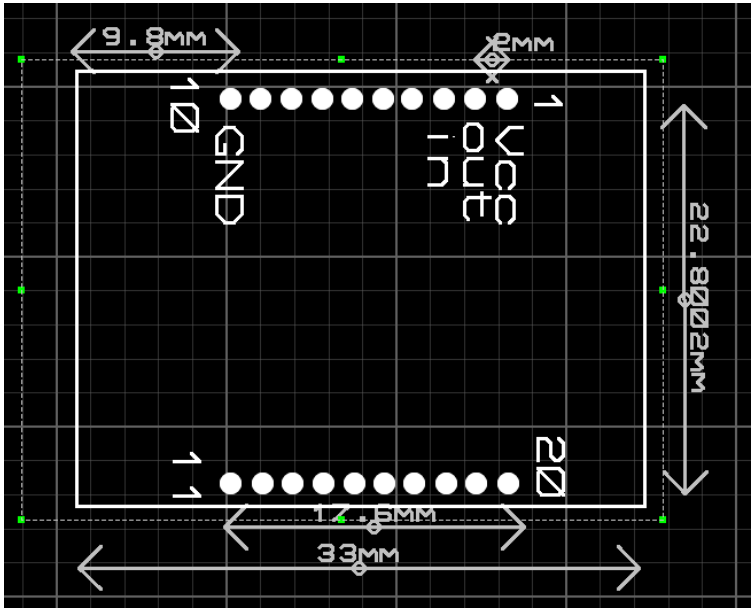
Proteus – 3D Visualizer

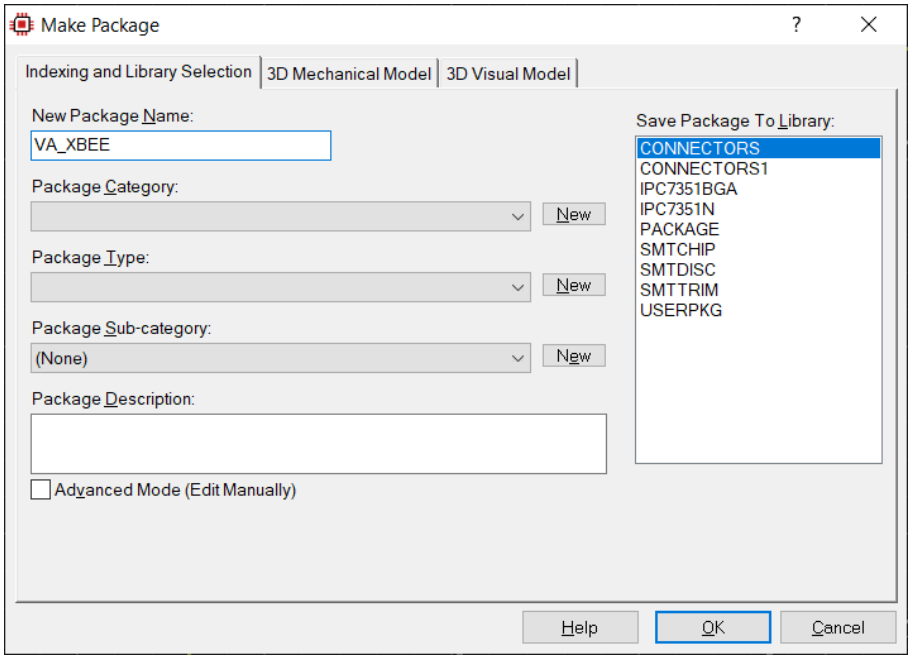


Proteus – PCB Layout

Make Package

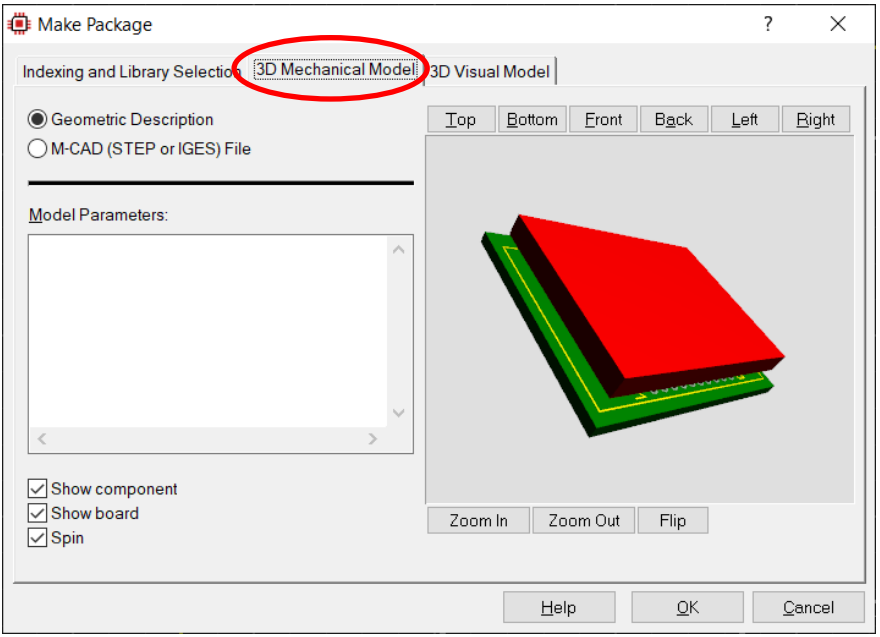


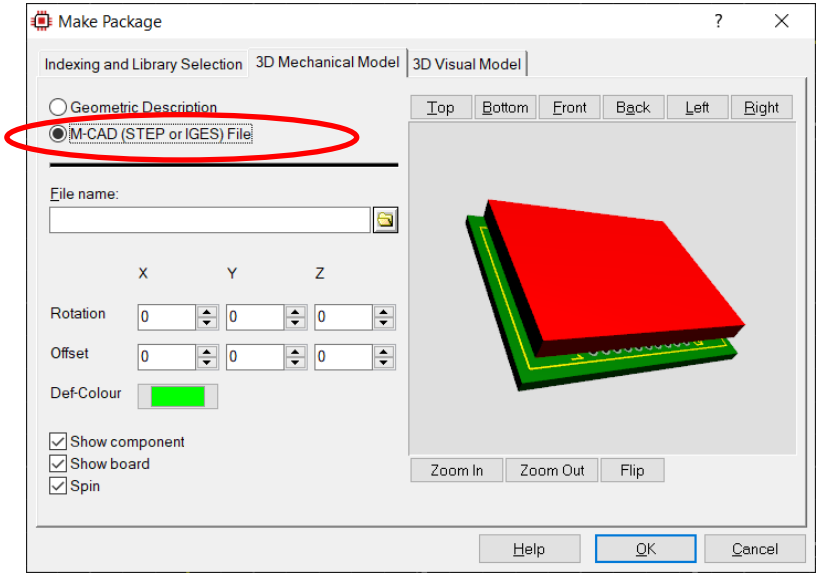


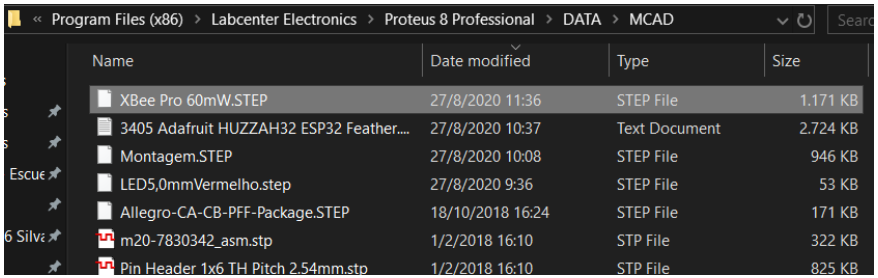


Proteus – PCB Layout

Make Package







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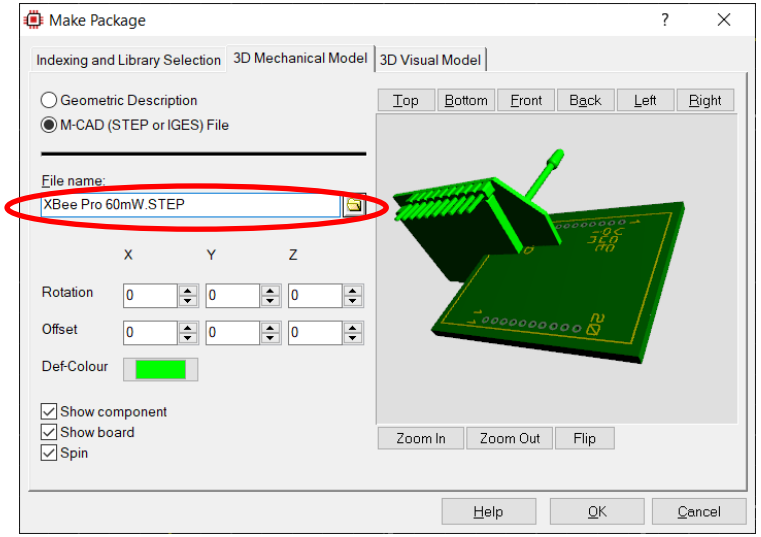
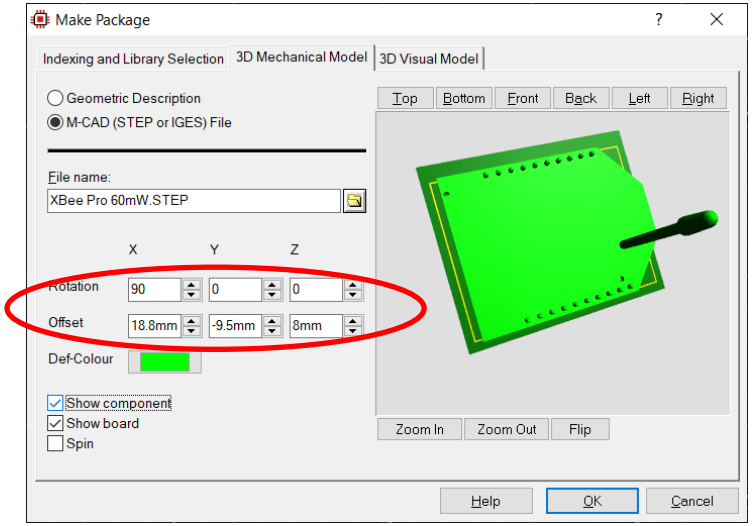
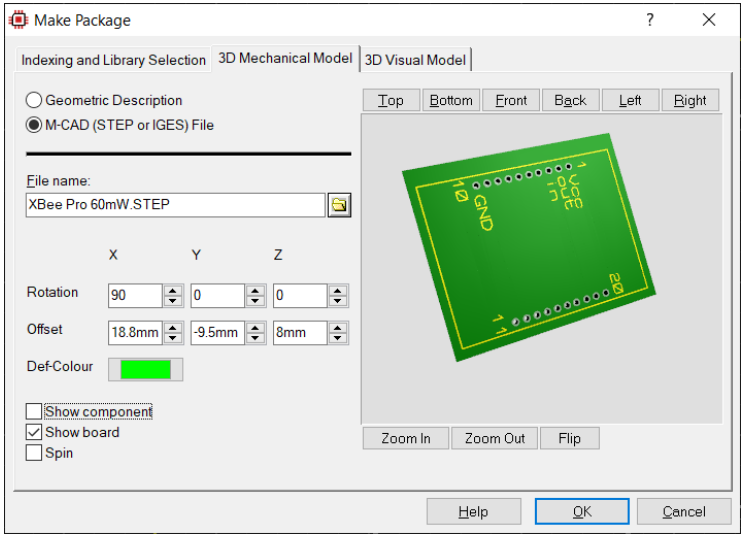
Proteus – PCB Layout

Make Package







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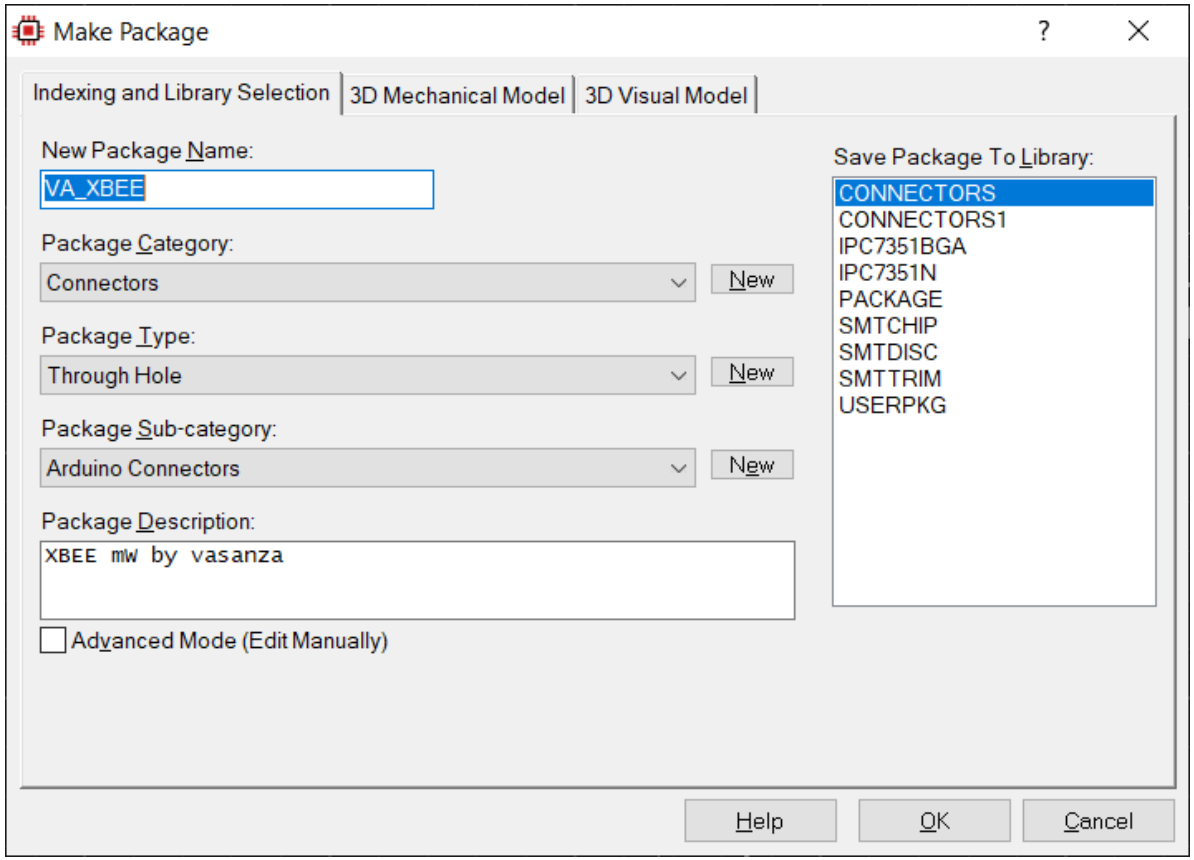
Proteus – PCB Layout

Make Package



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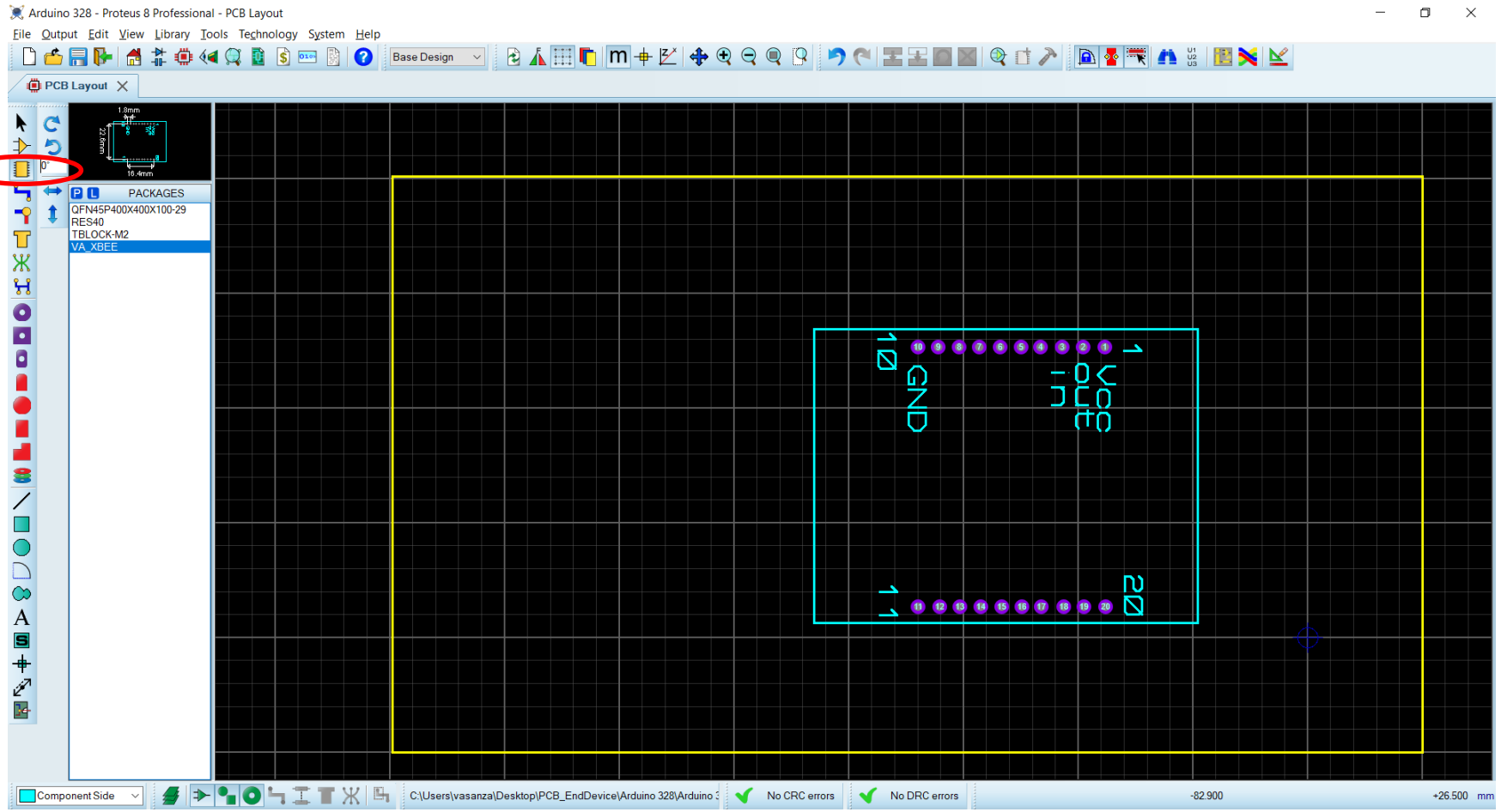
Proteus – PCB Layout



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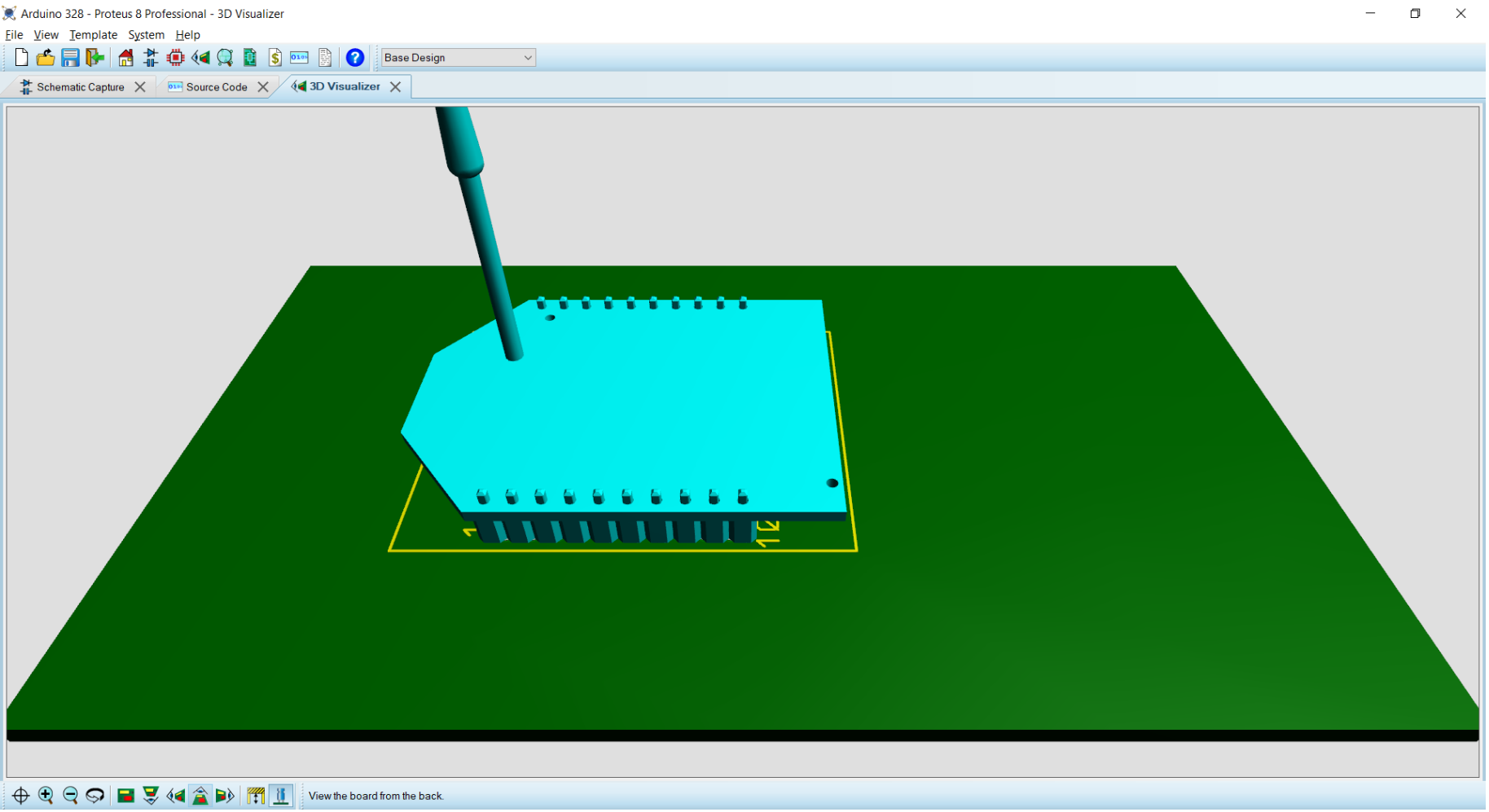
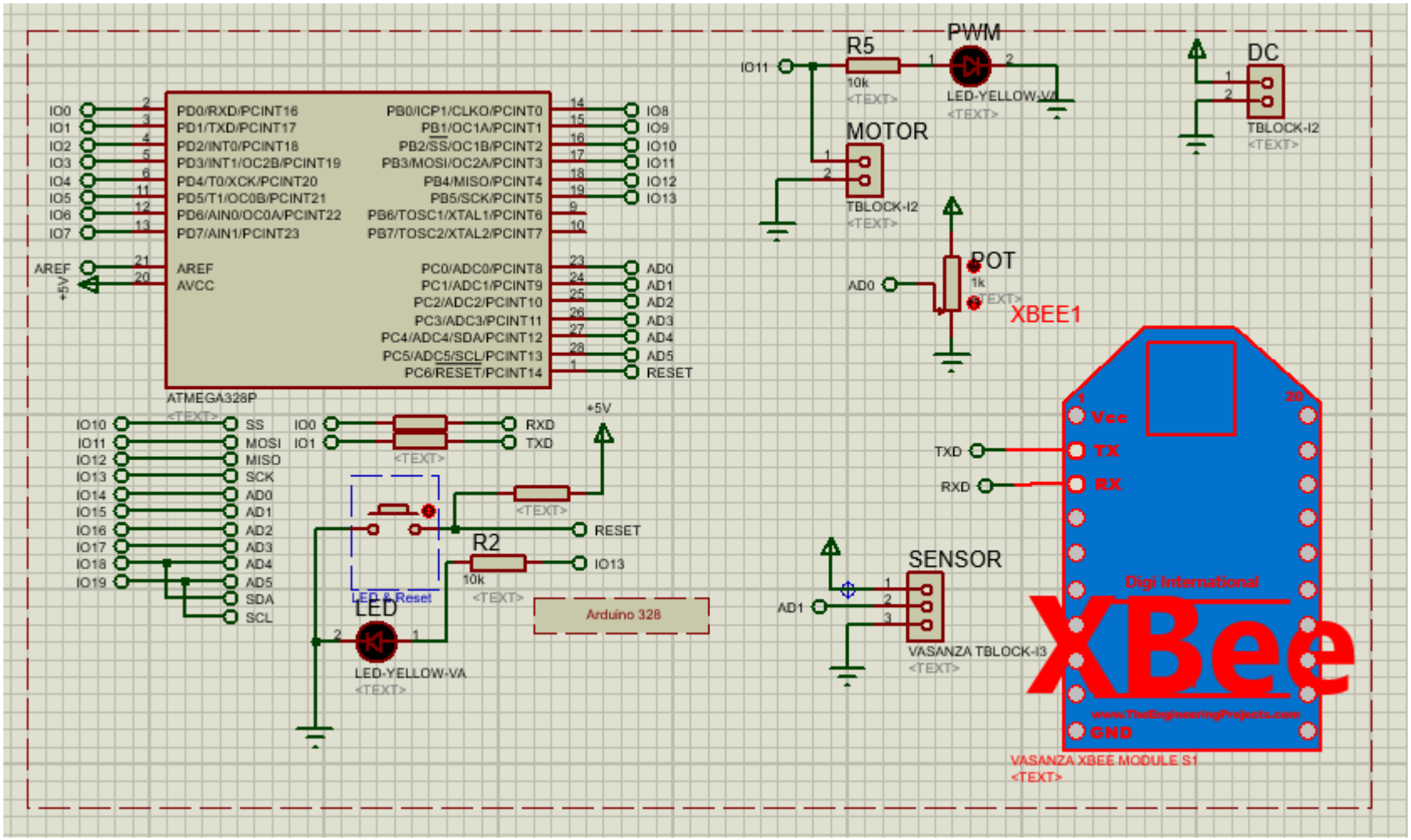
Proteus – 3D Visualizer

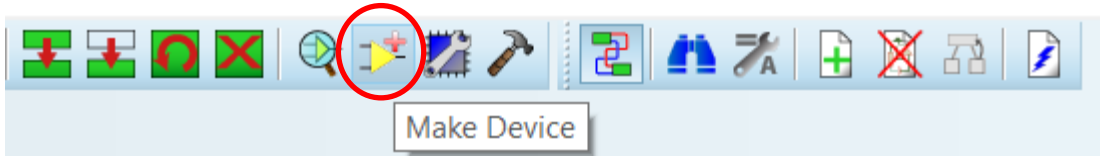


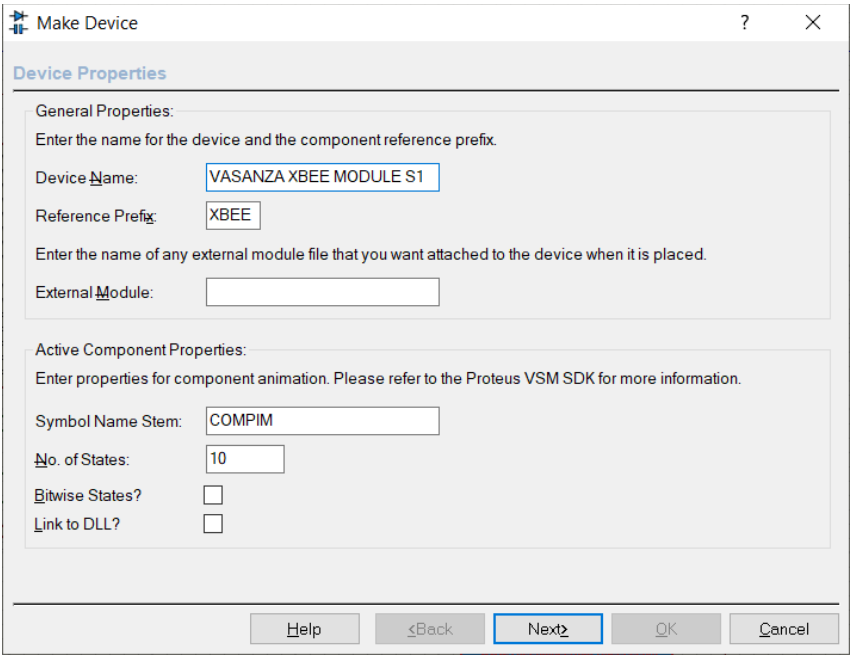
Proteus – Schematic

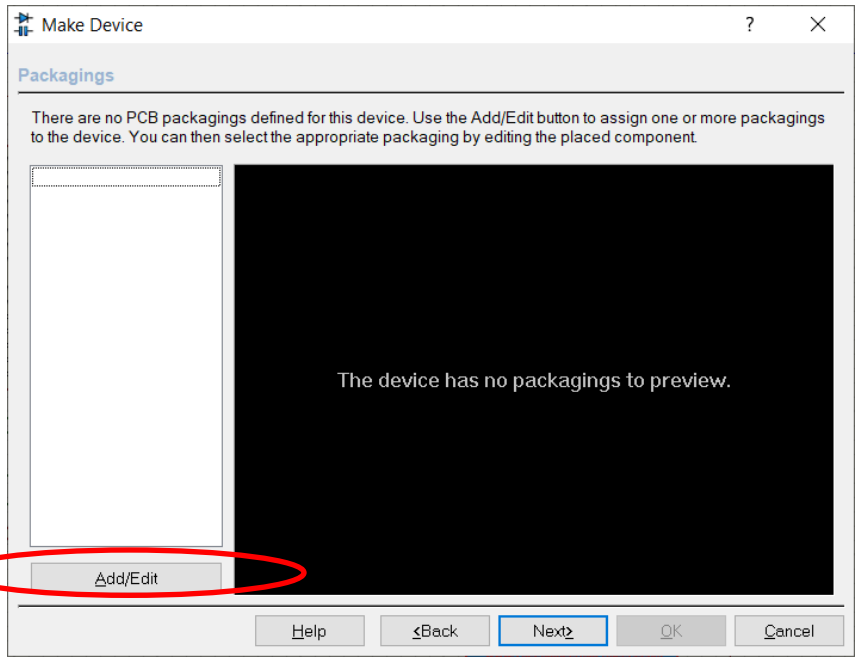


Proteus – Schematic

Make Device

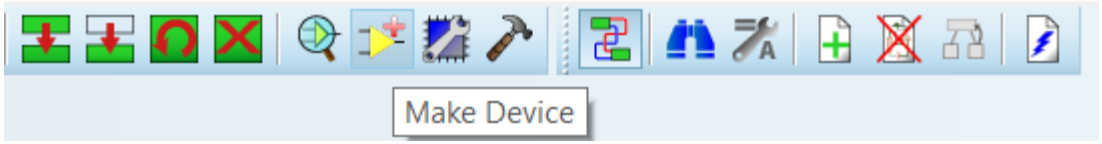


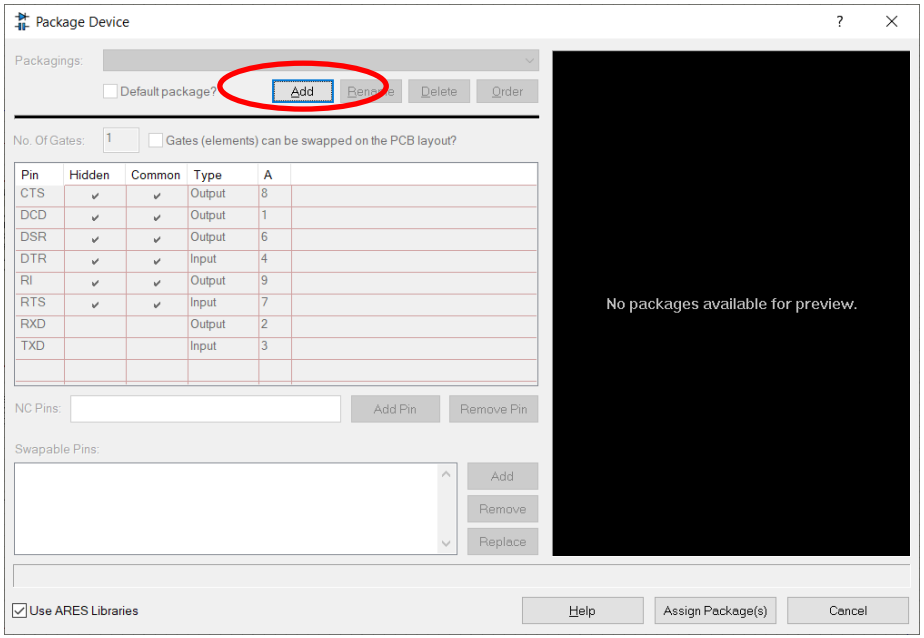




Proteus – Schematic

Make Device





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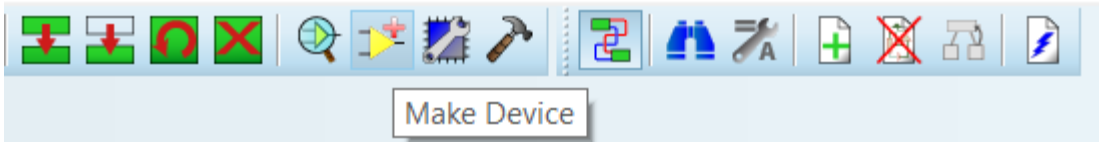
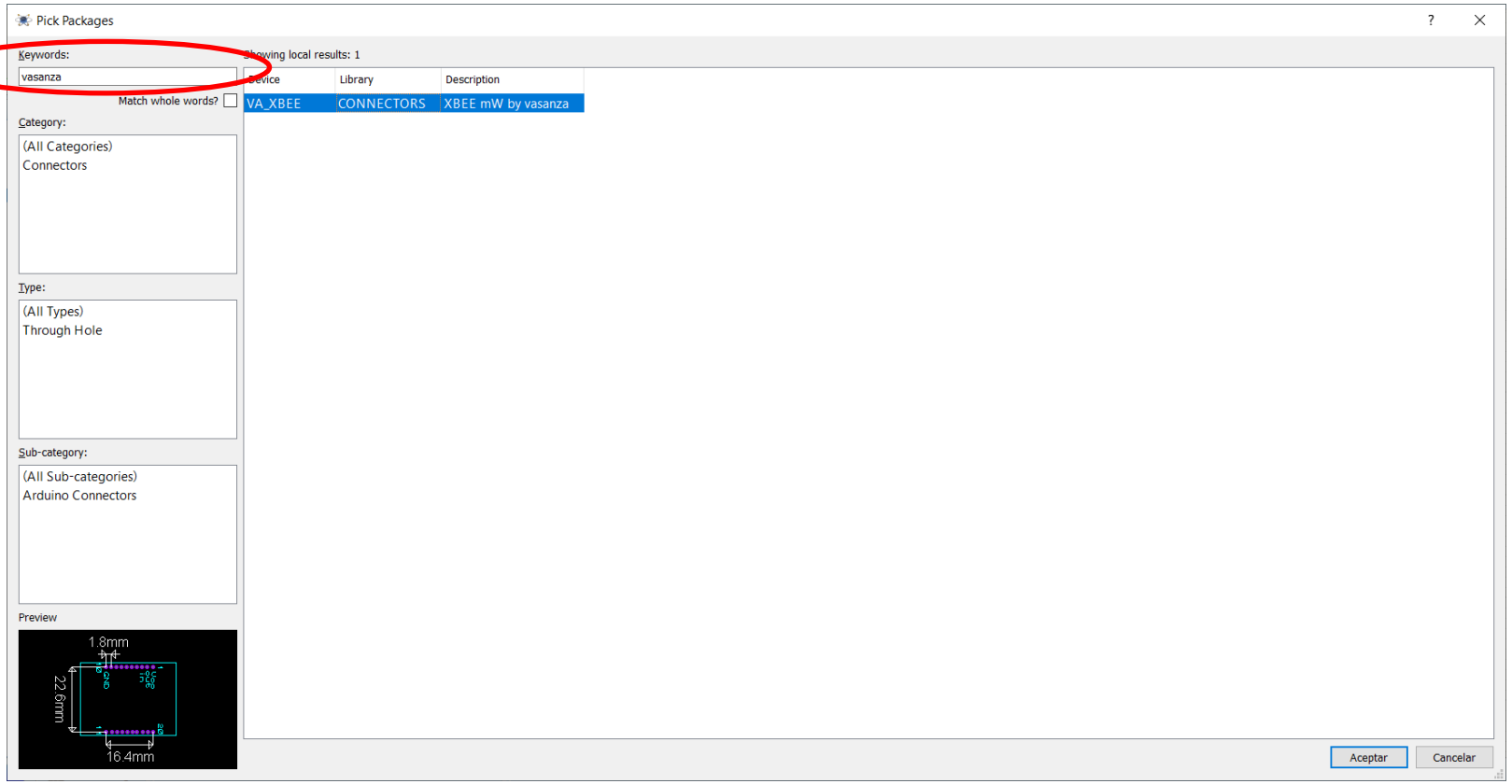
Proteus – Schematic

Make Device





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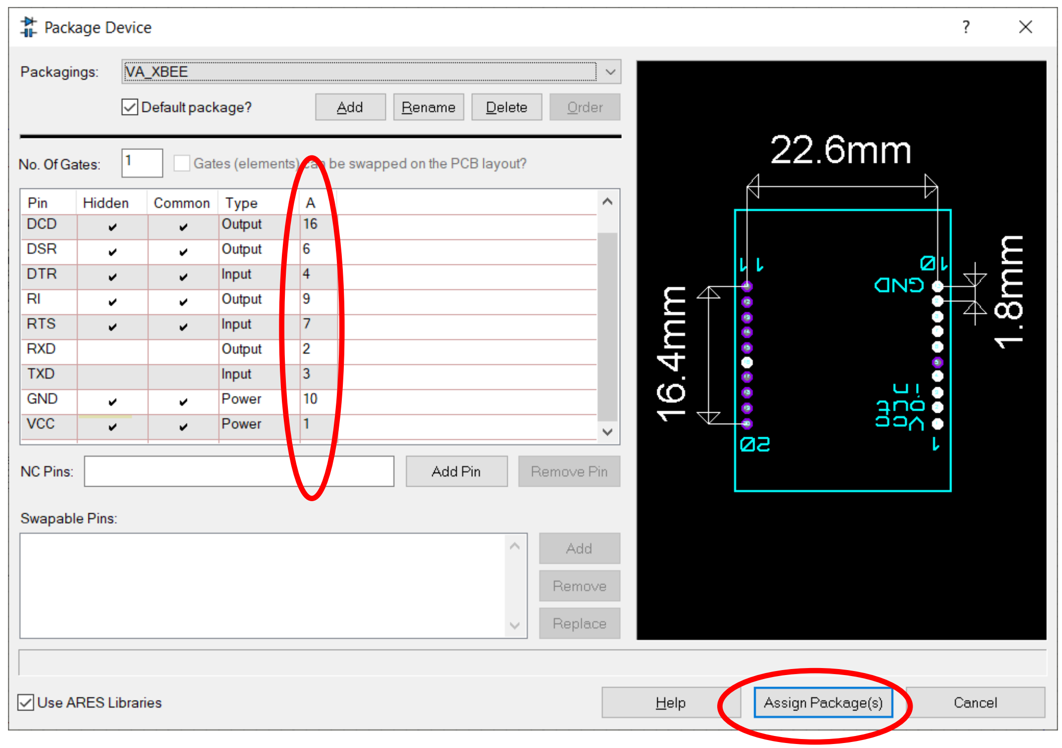
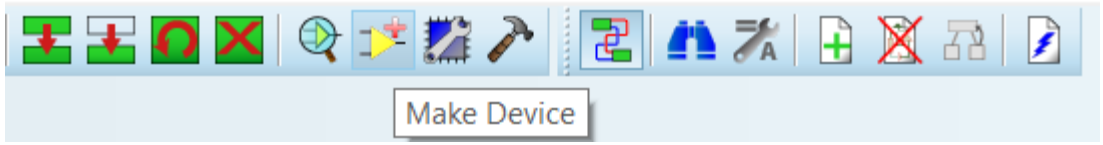
Proteus – Schematic

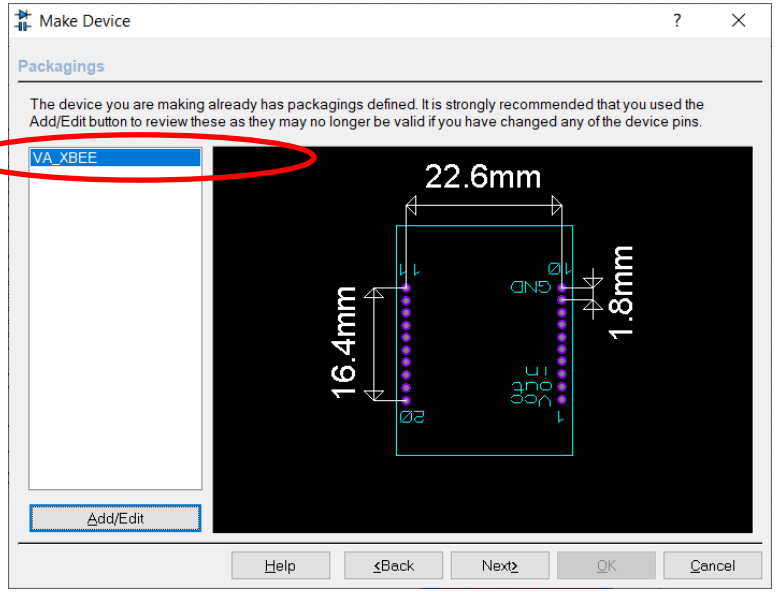
Make Device

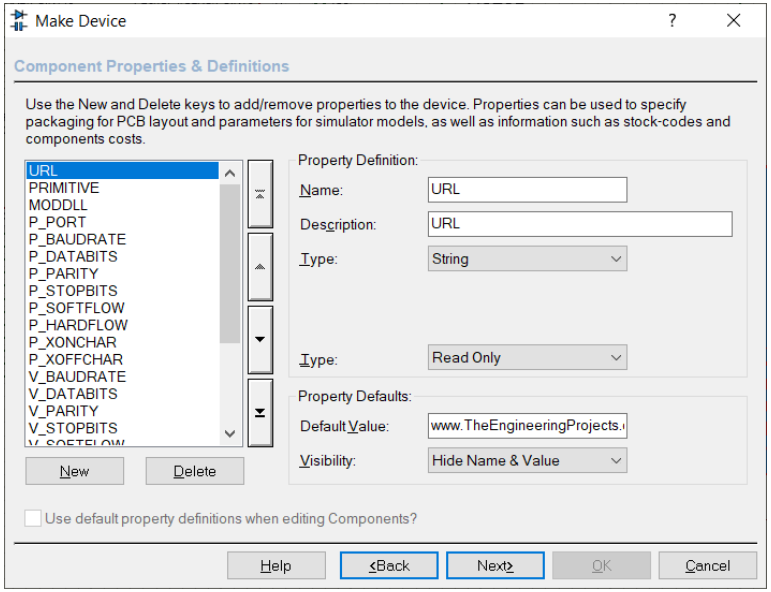


Proteus – Schematic

Make Device

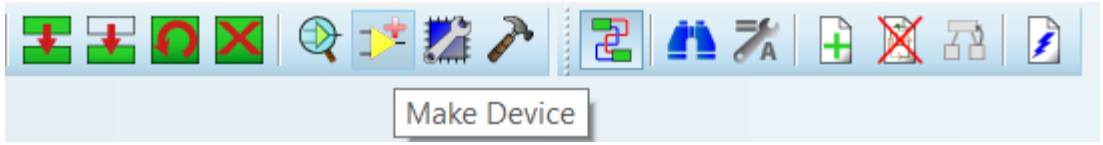


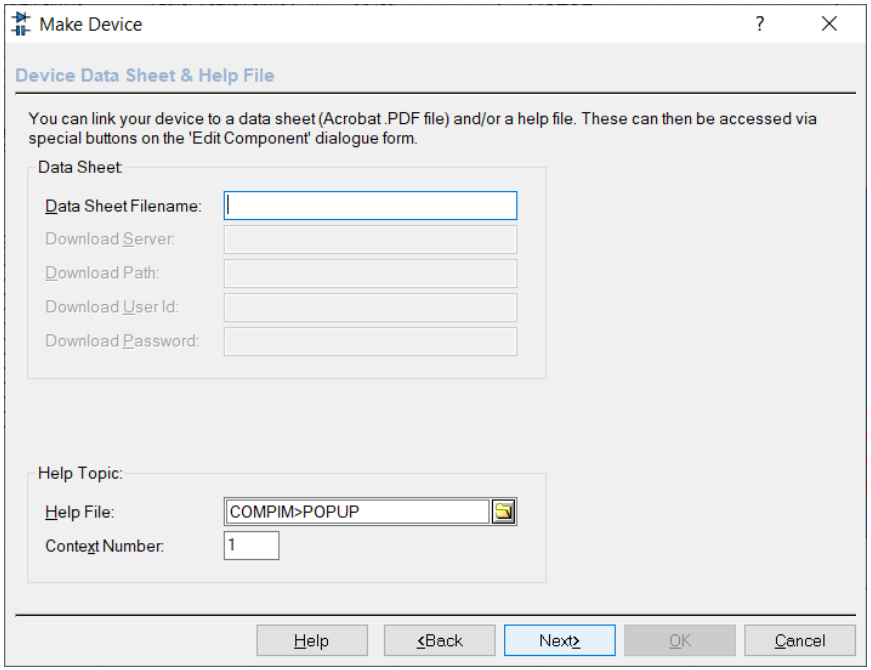


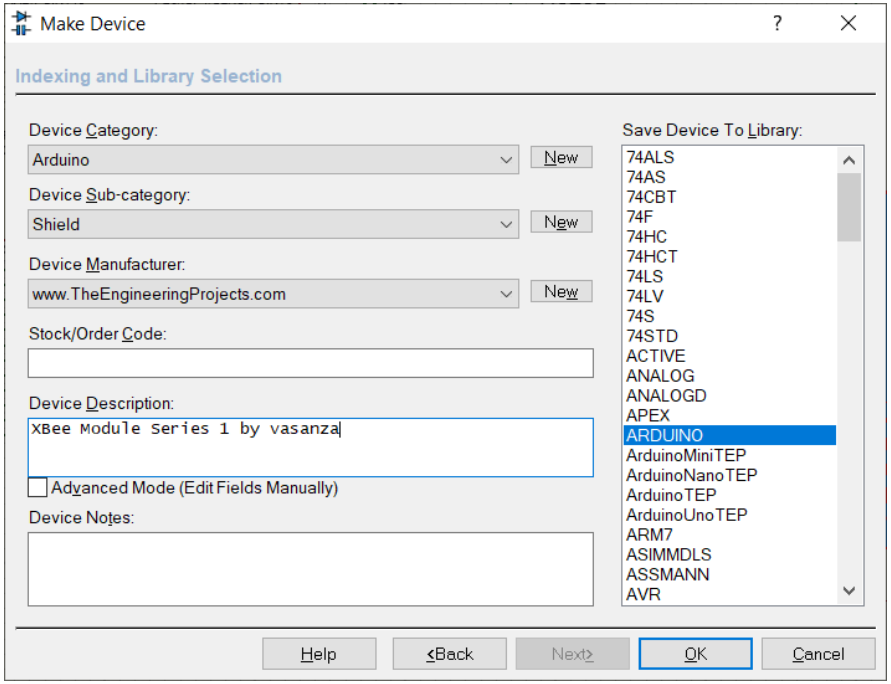


Proteus – Schematic

Make Device







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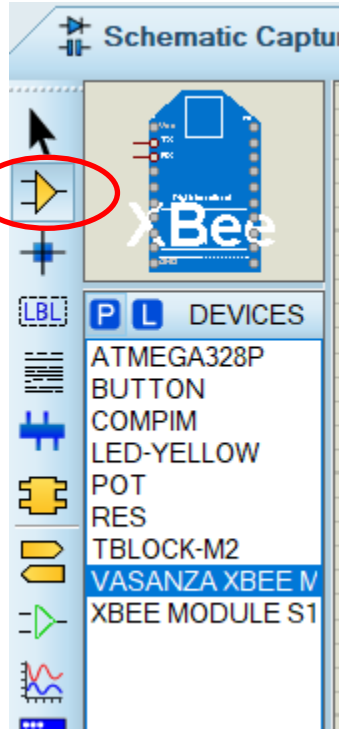
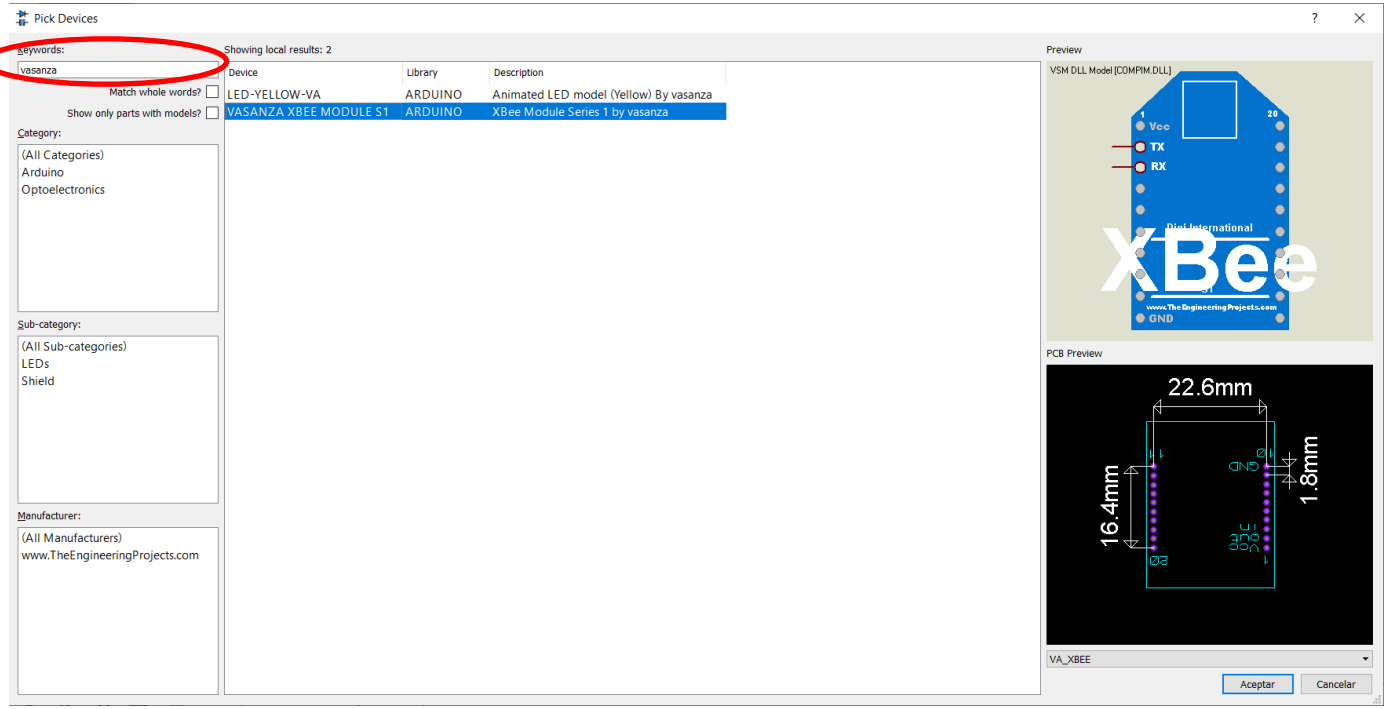
Proteus – Schematic





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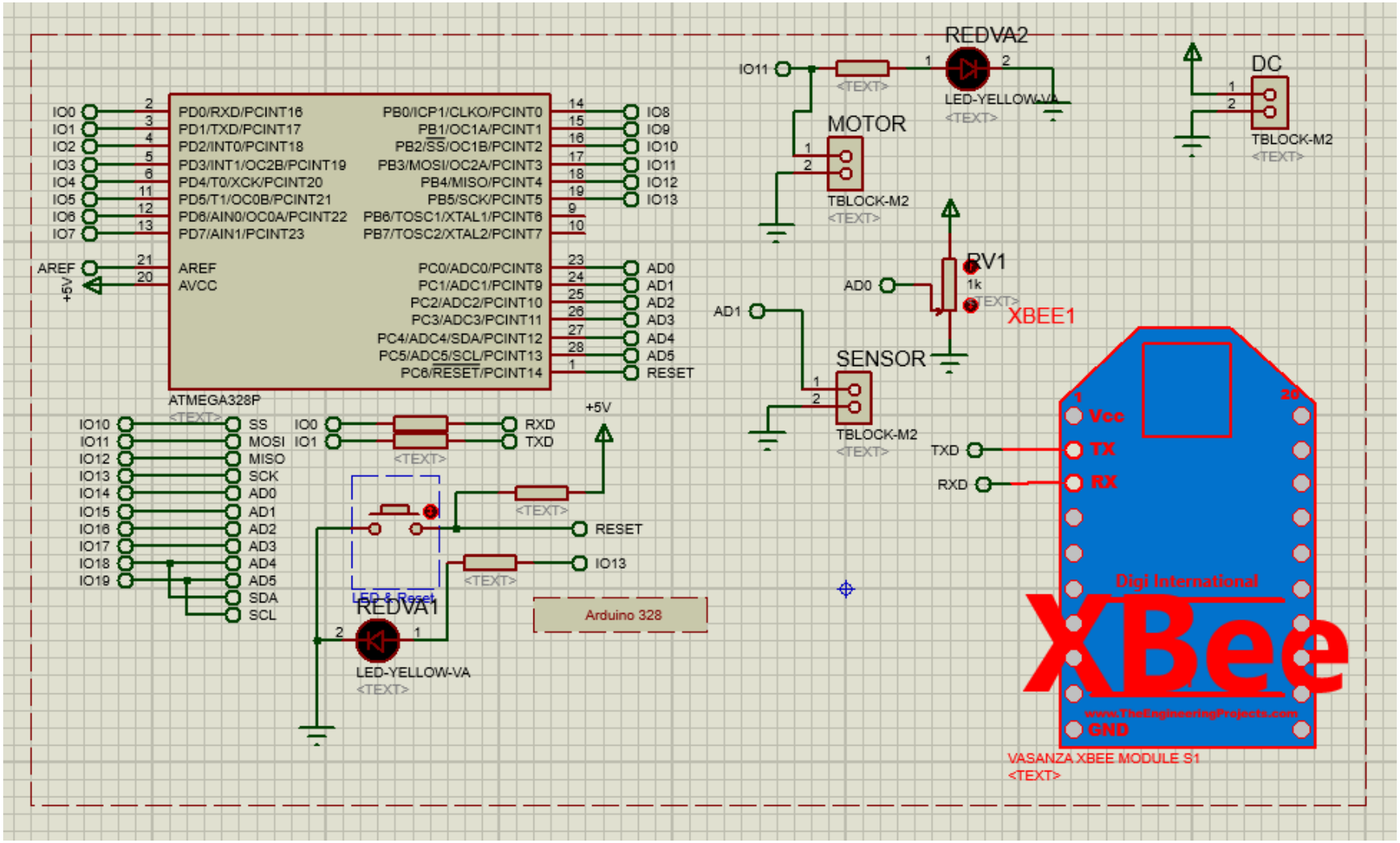
Proteus – Schematic



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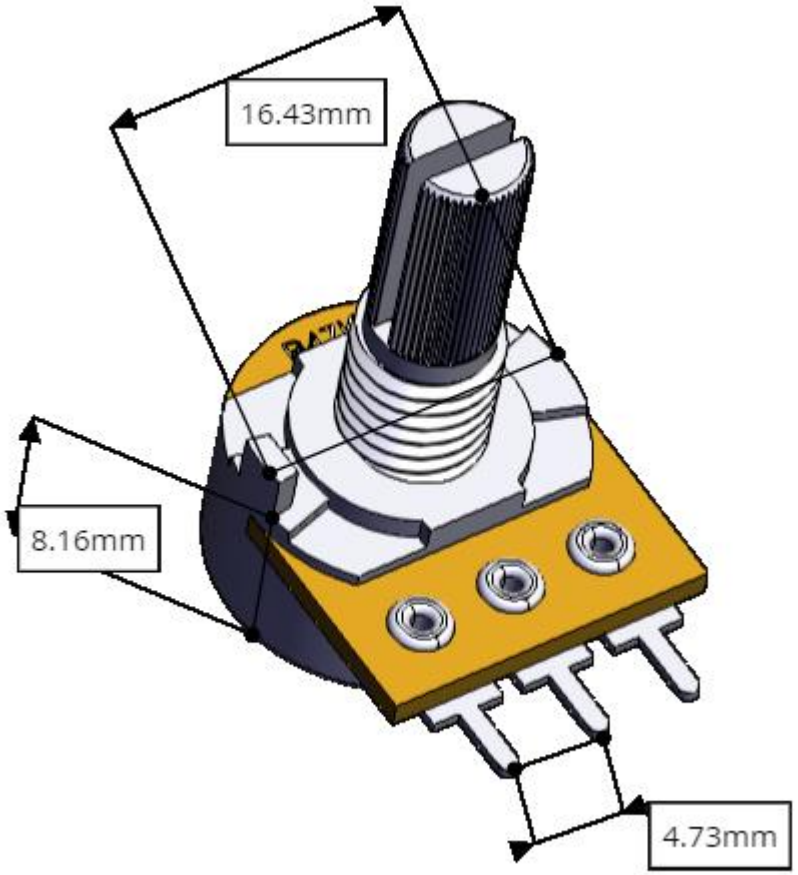
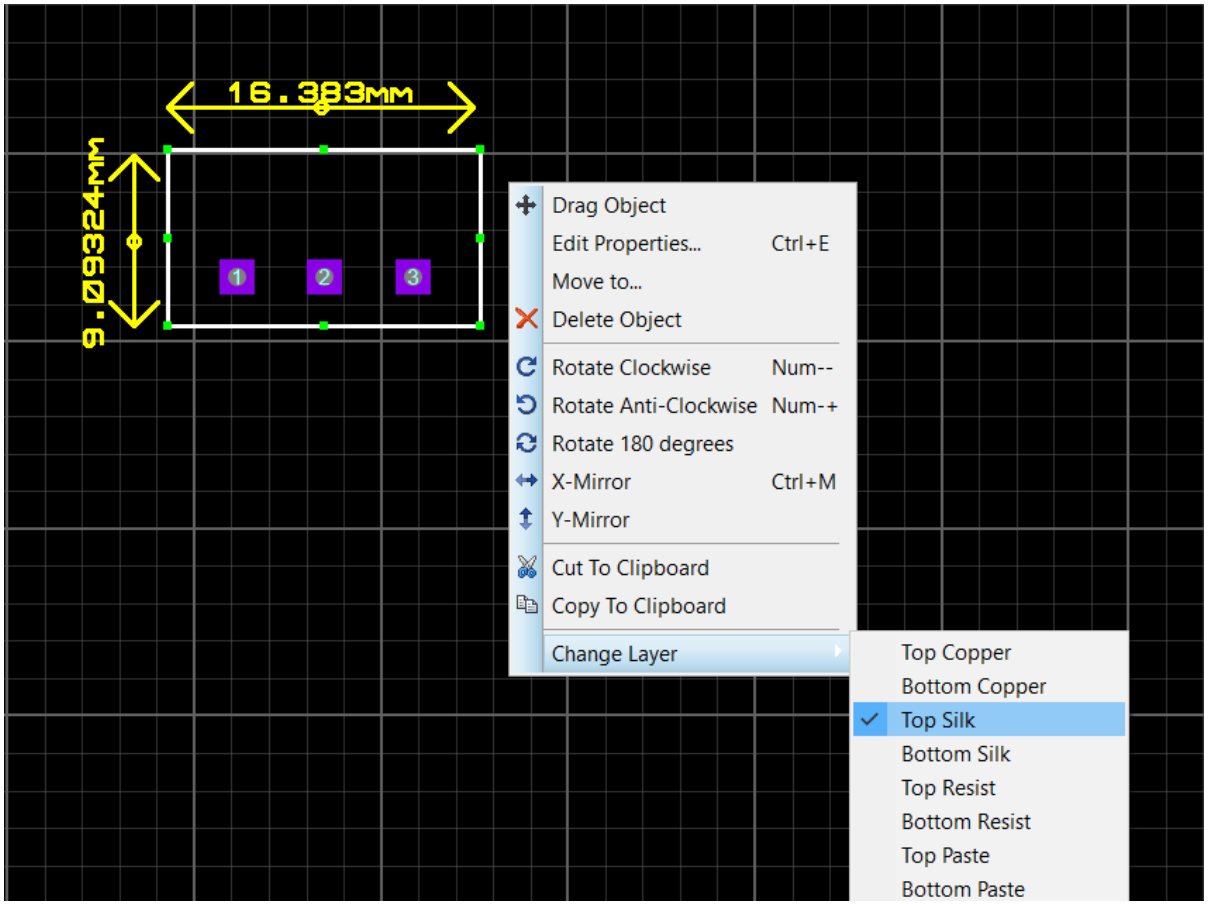
Potentiometer

https://grabcad.com/library/47k-potentiometer-1



Proteus – PCB Layout

Footprint



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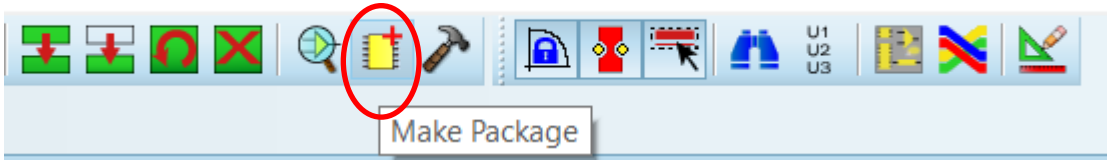
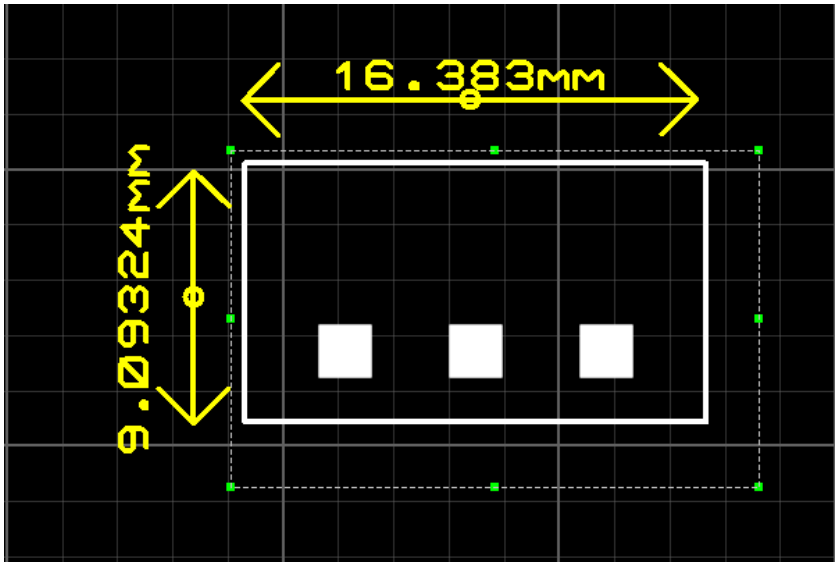
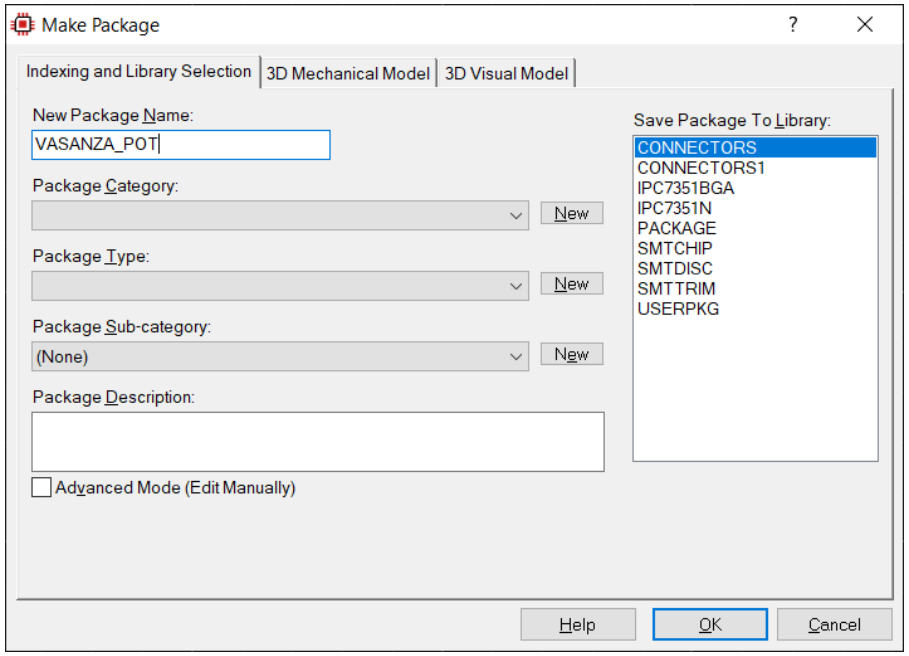
Proteus – PCB Layout

Make Package







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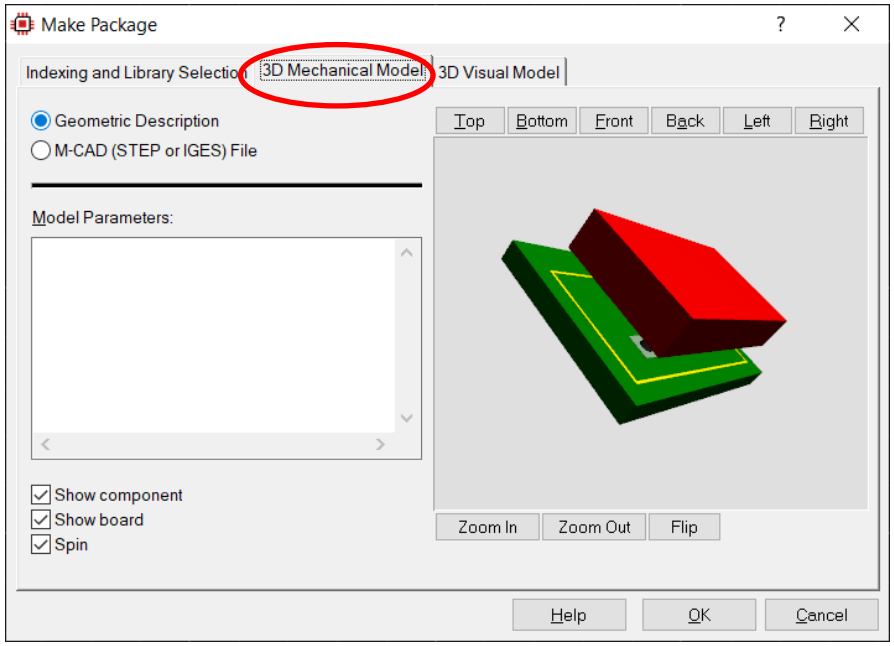
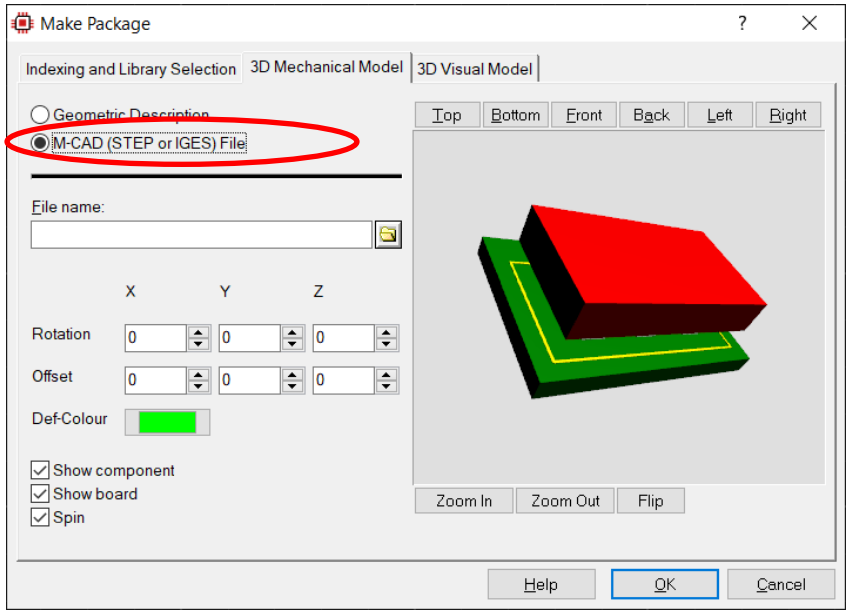
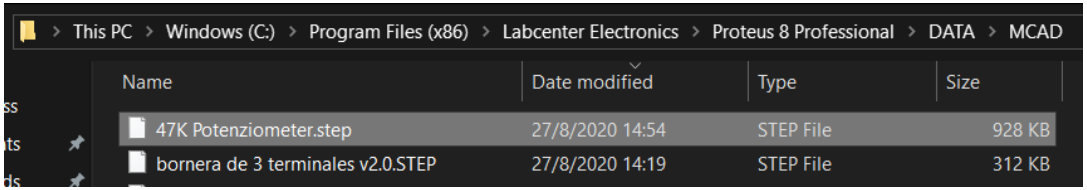
Proteus – PCB Layout

Make Package







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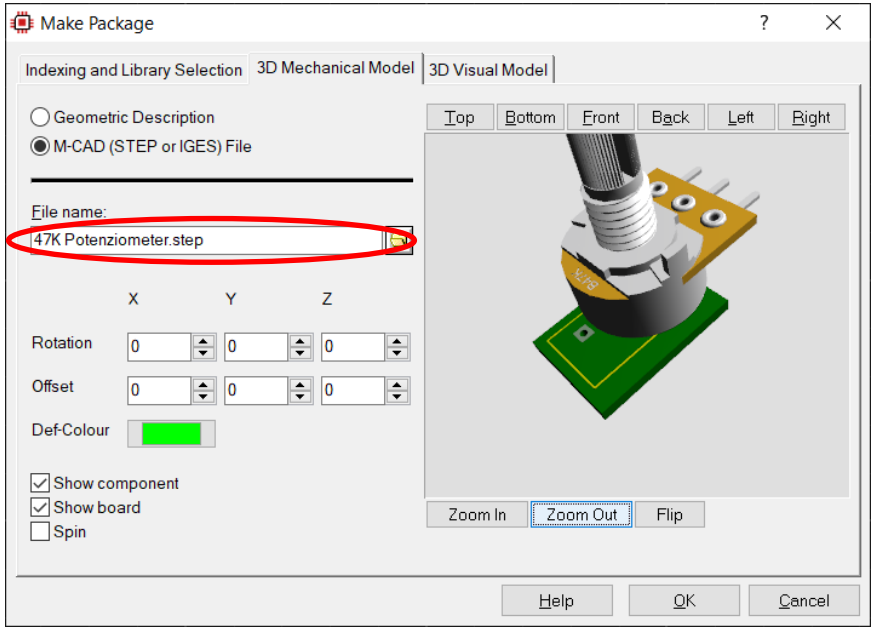
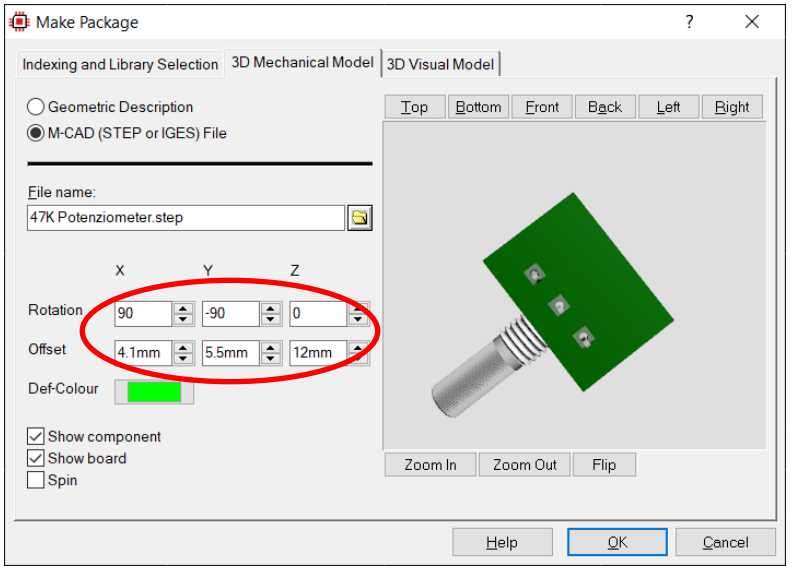
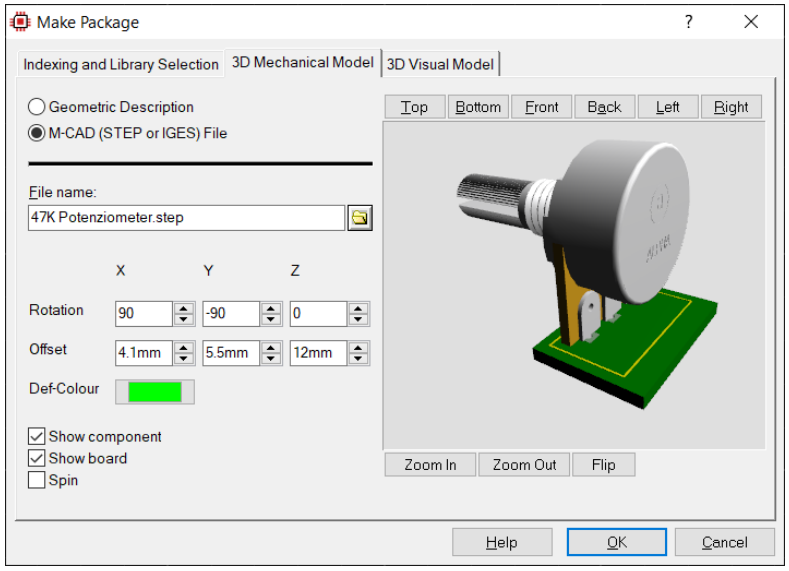
Proteus – PCB Layout

Make Package

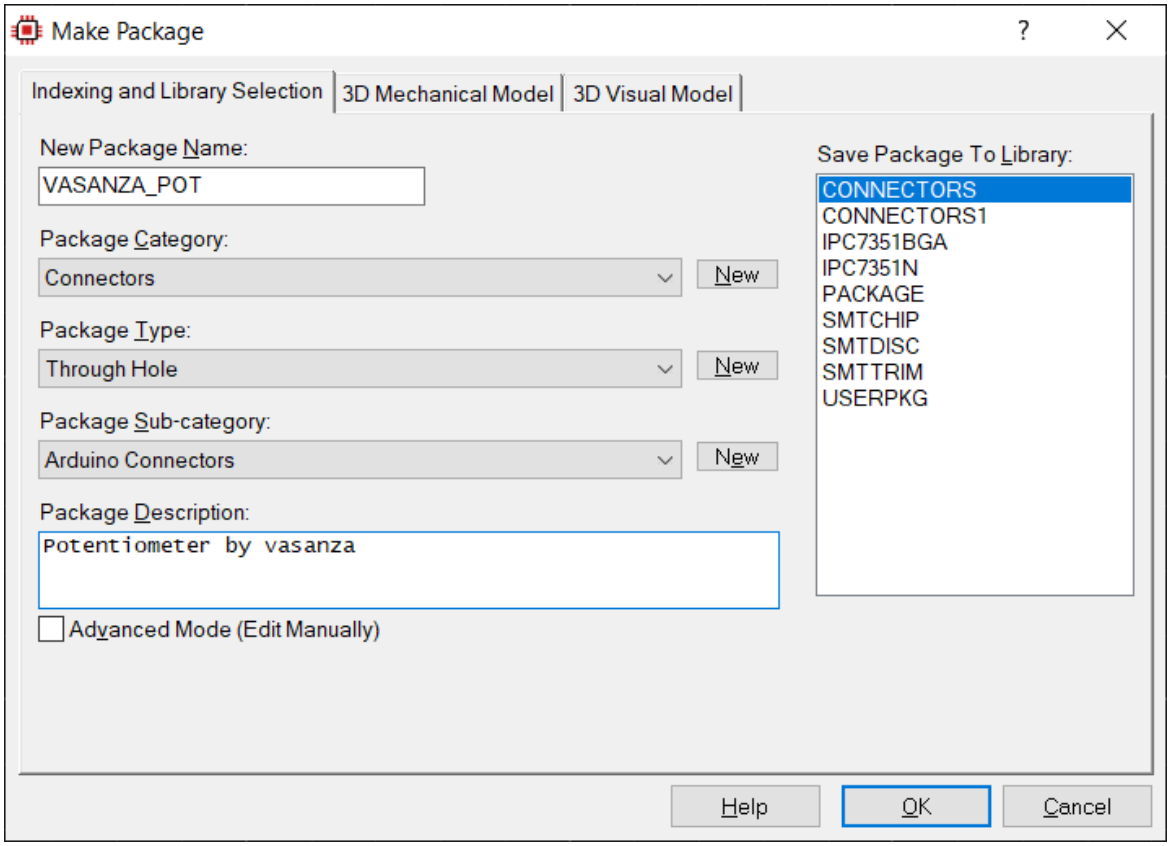




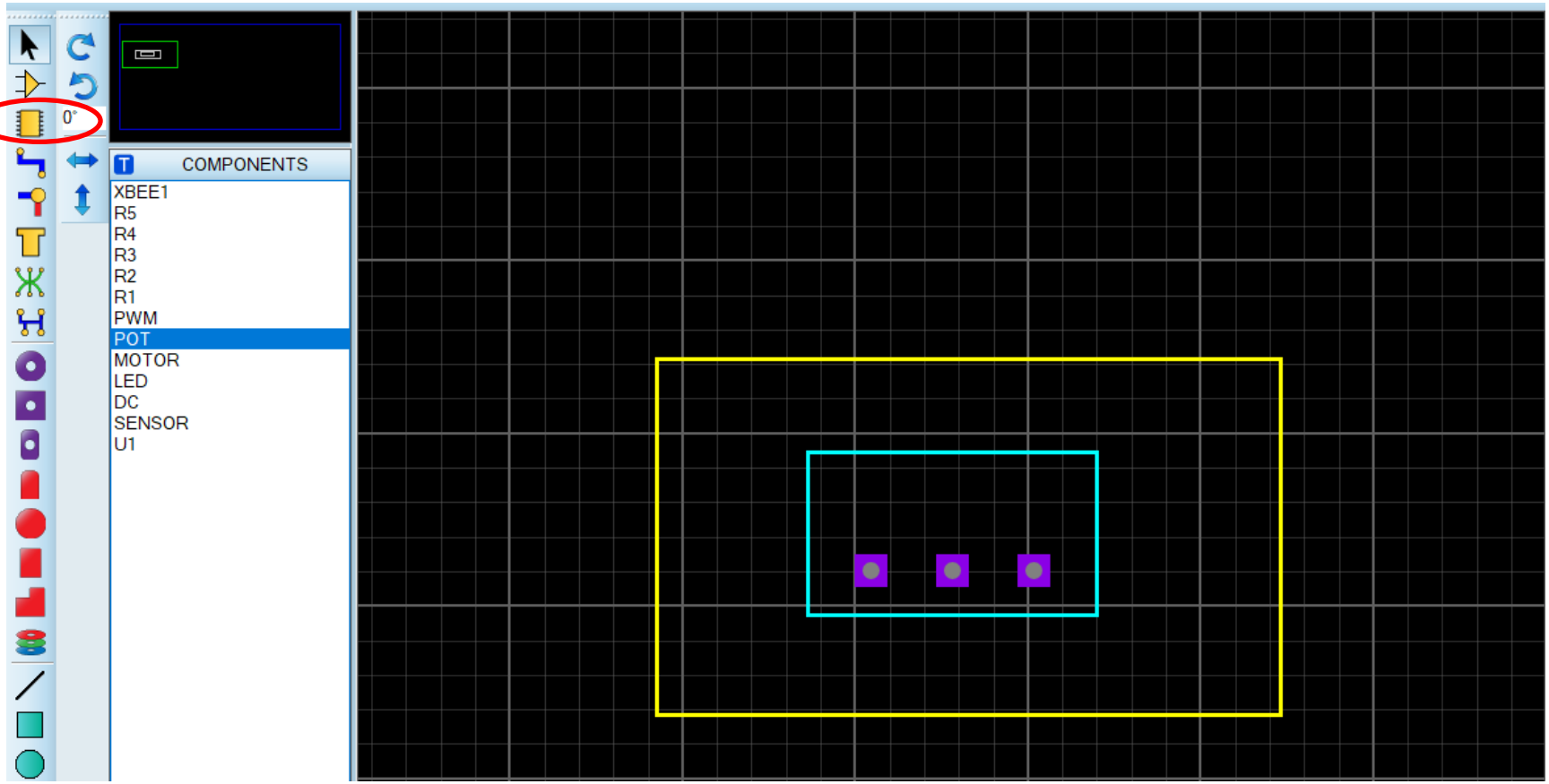


Proteus – PCB Layout

Make Package



Proteus – PCB Layout



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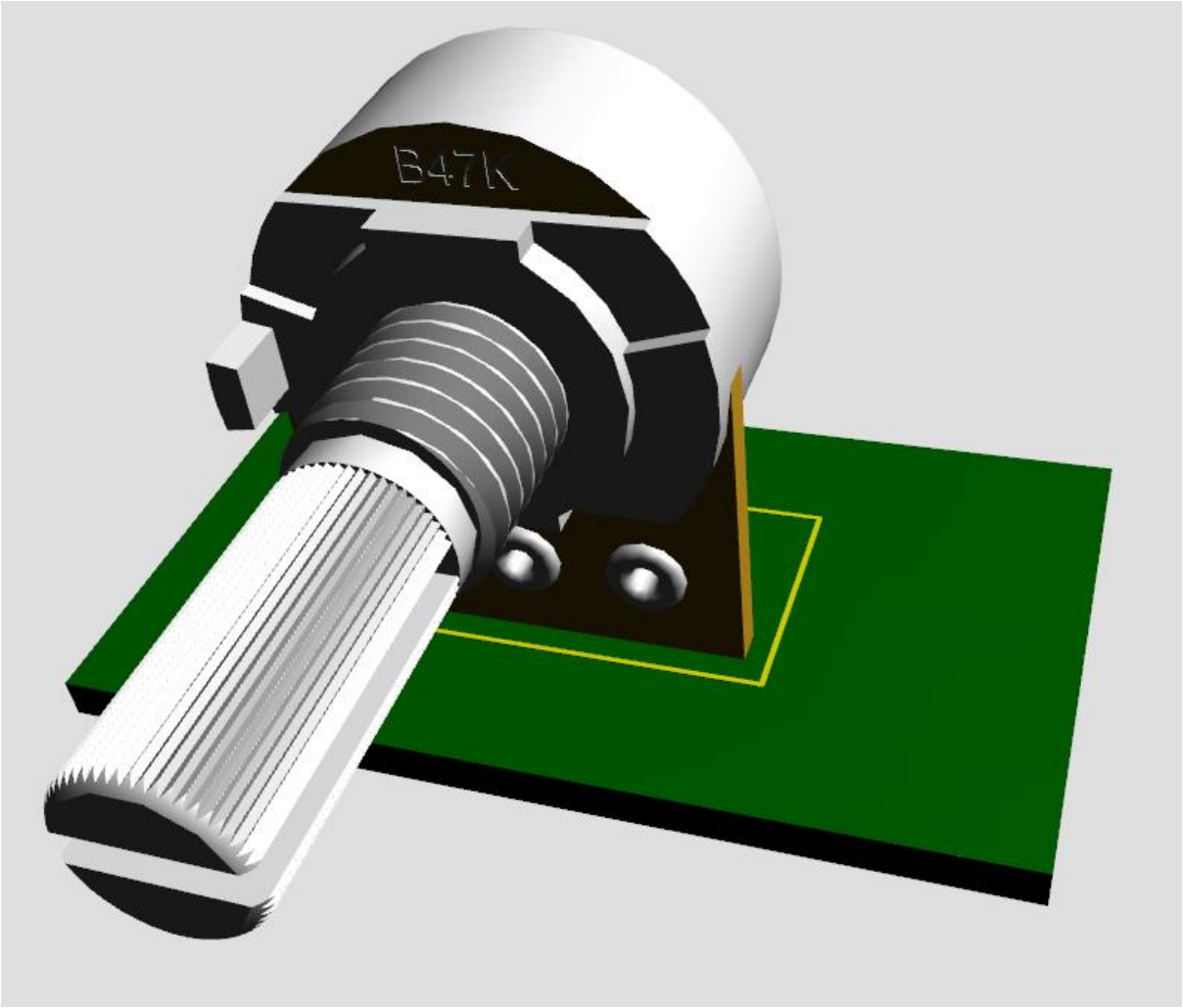
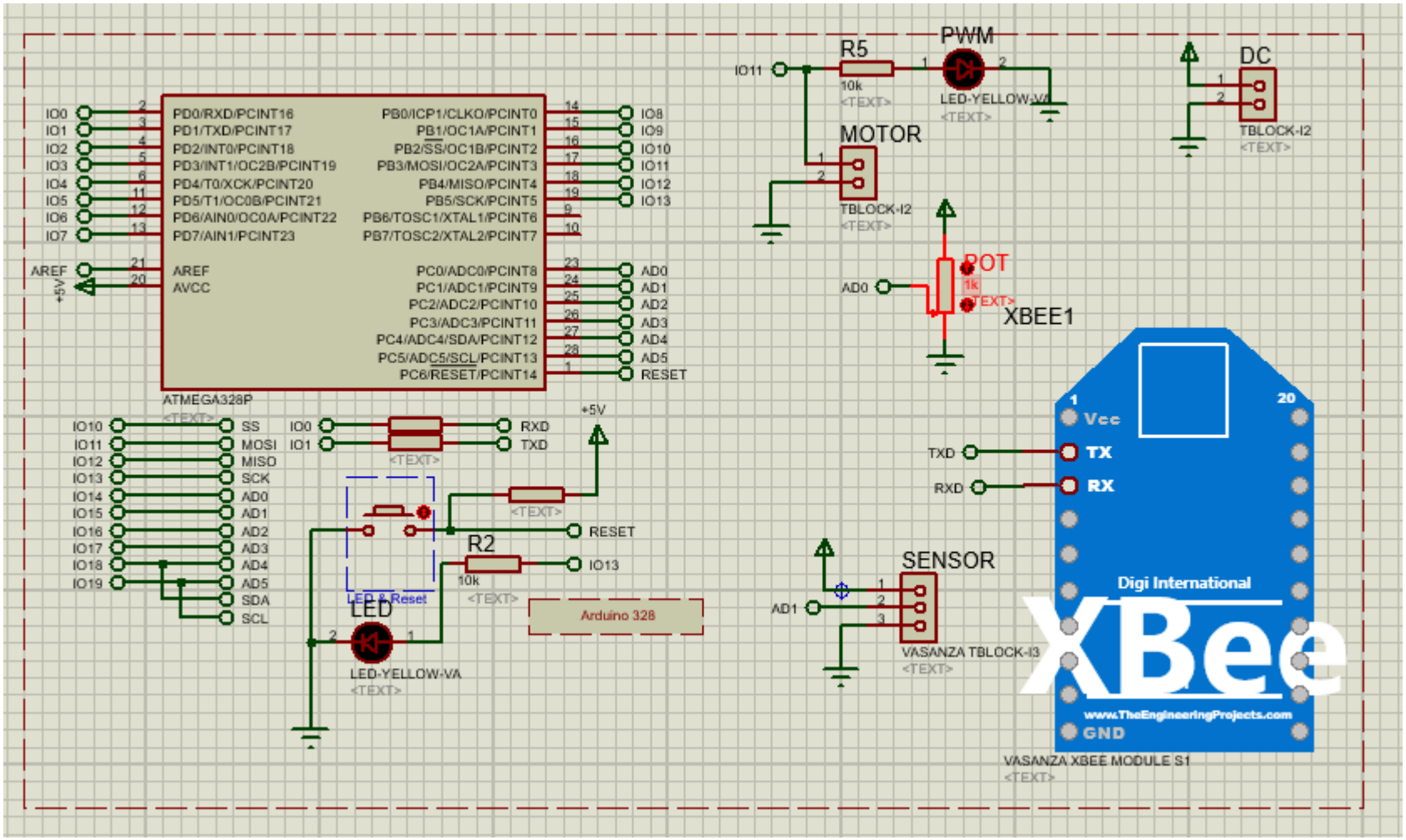
Proteus – 3D Visualizer

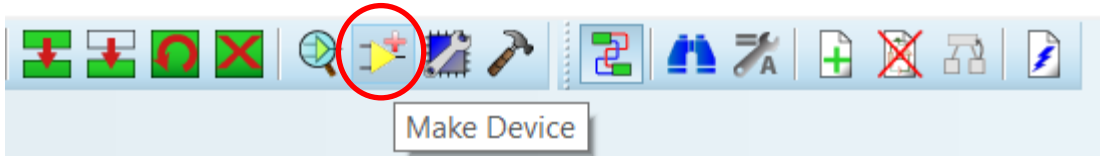


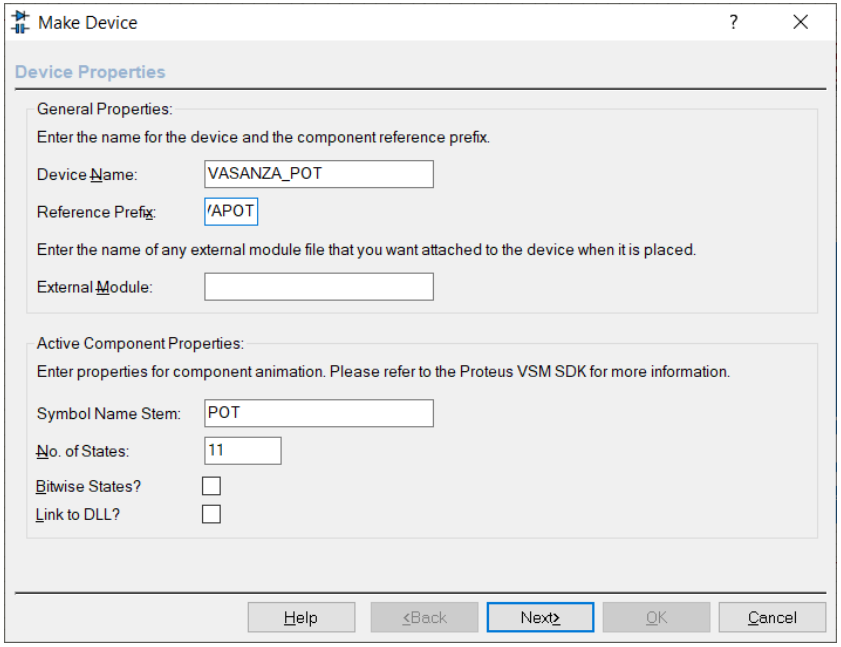
Proteus – Schematic

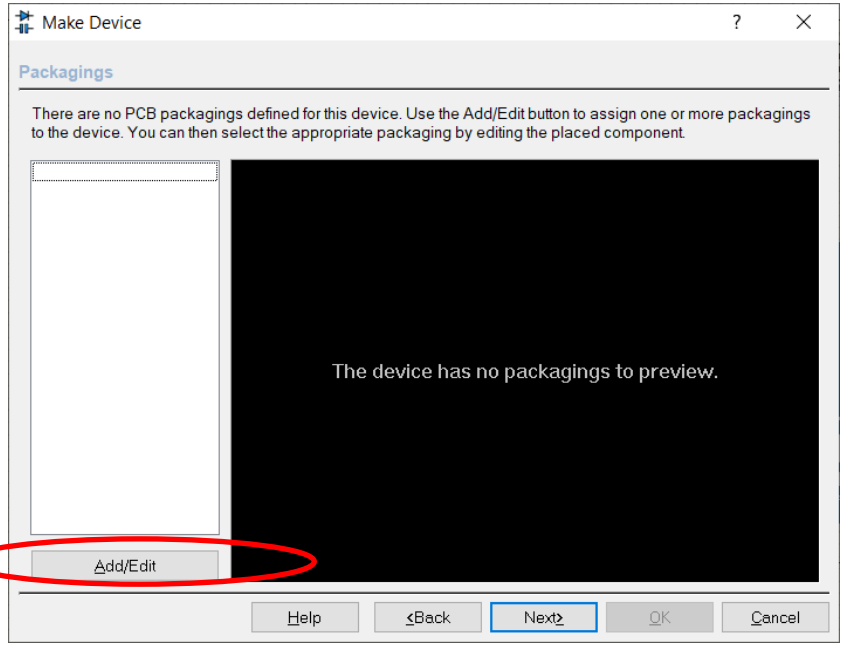


Proteus – Schematic

Make Device

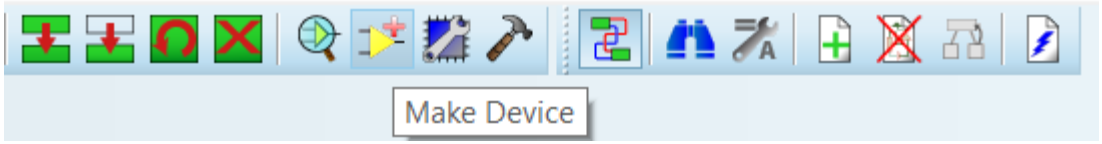


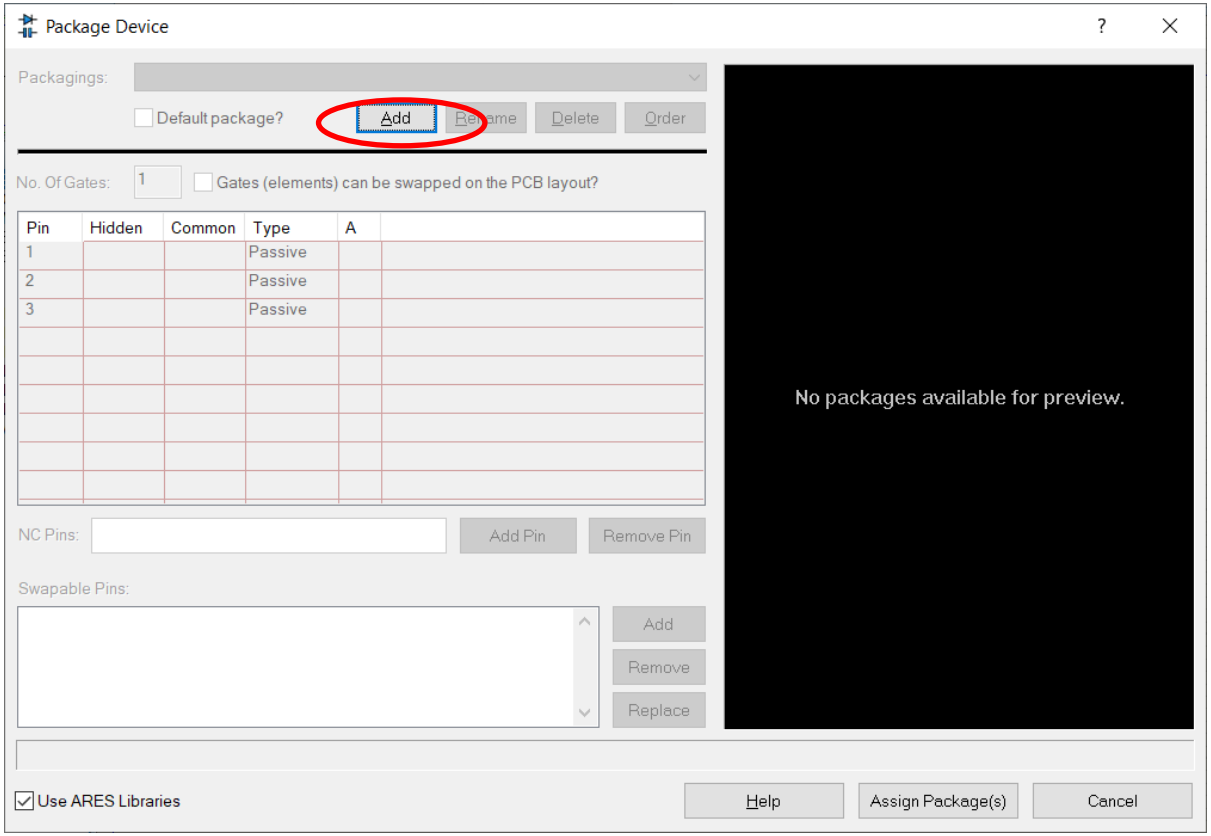




Proteus – Schematic

Make Device





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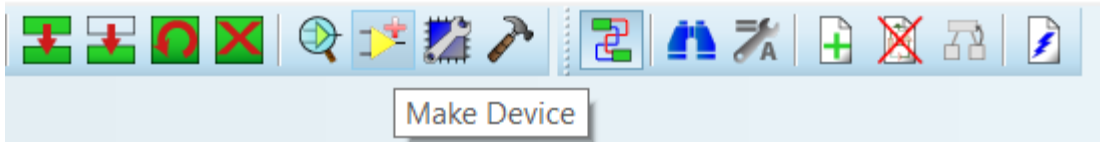
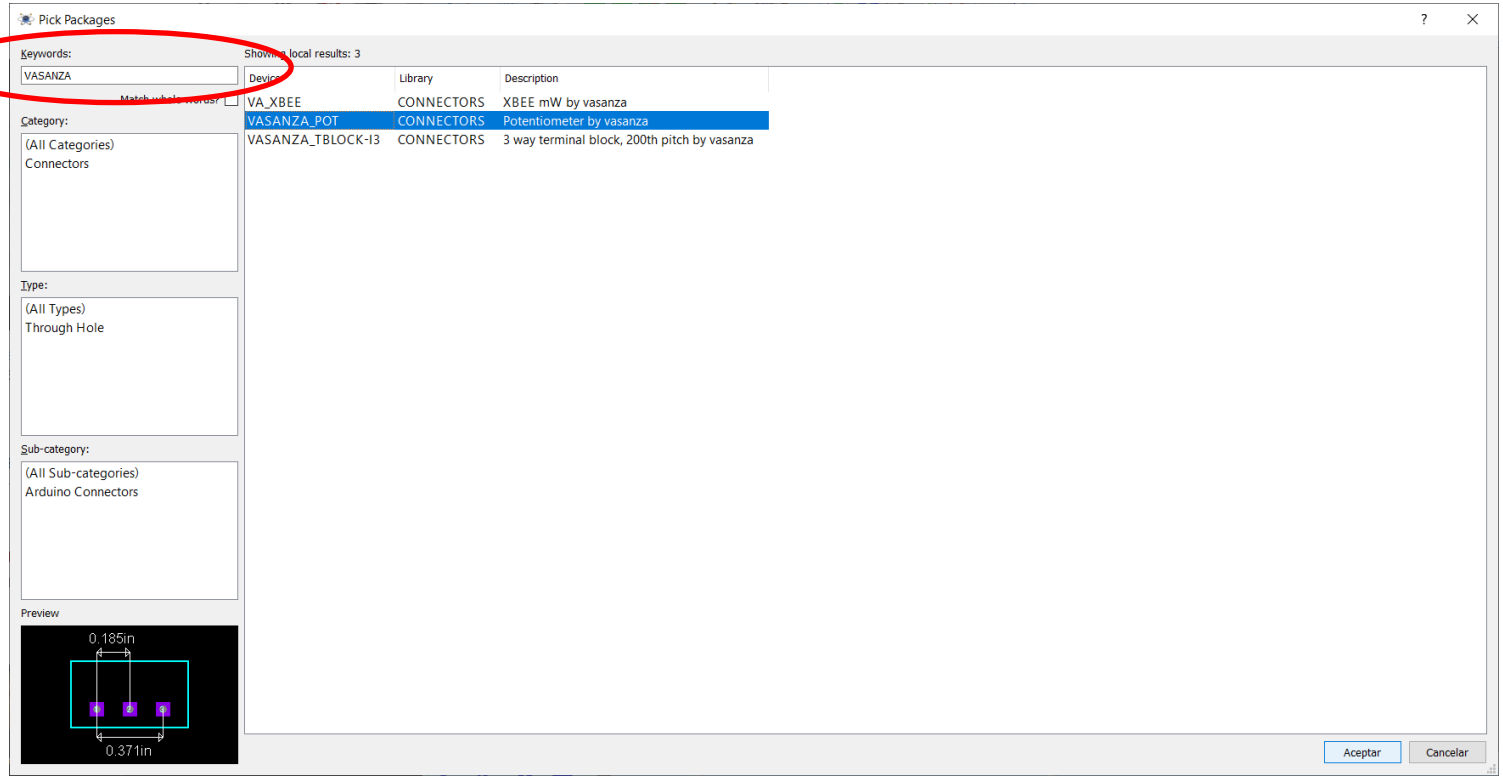
Proteus – Schematic

Make Device





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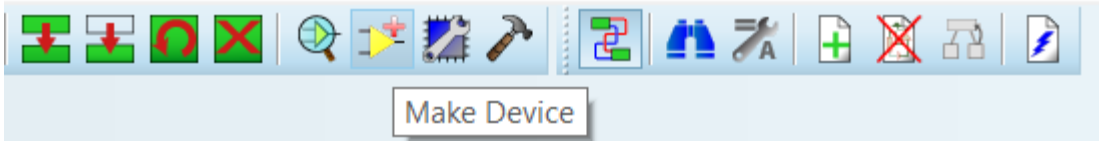
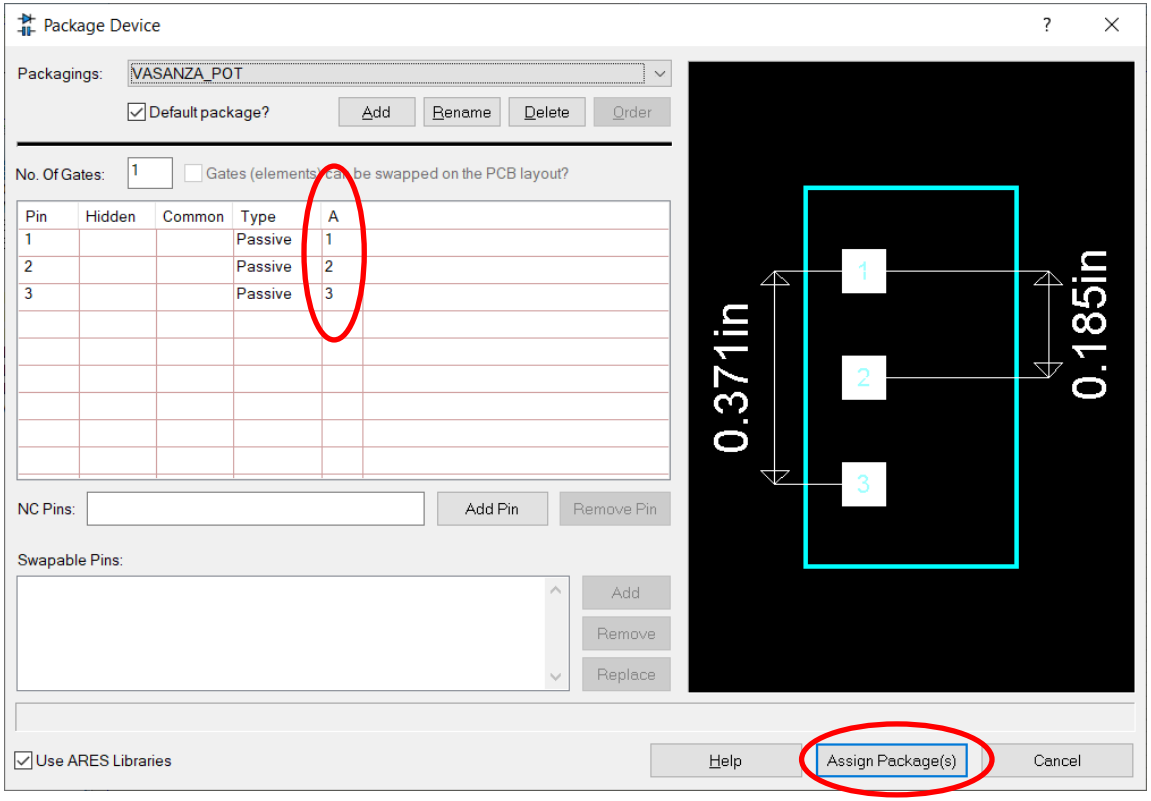
Proteus – Schematic

Make Device





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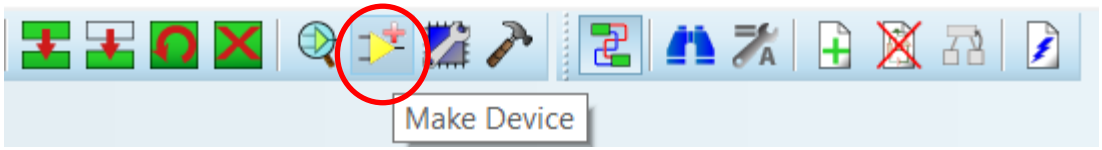
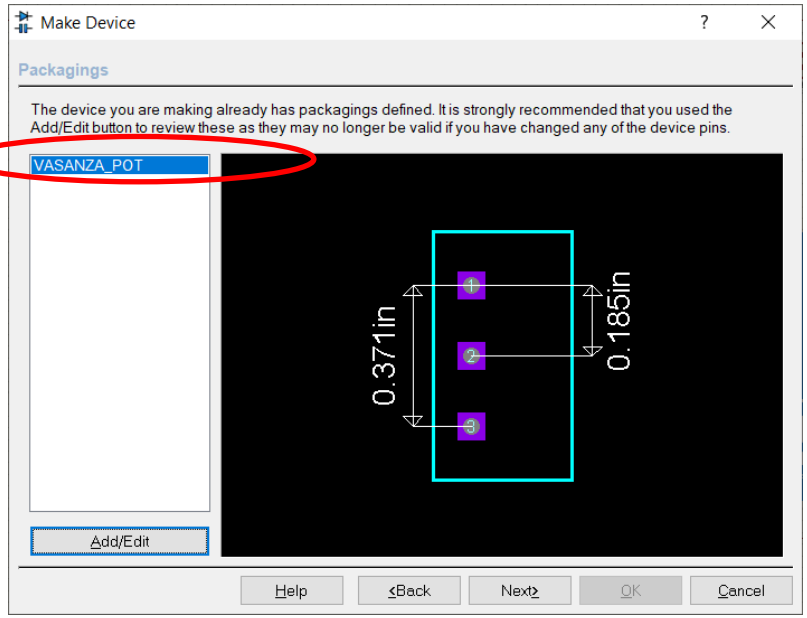
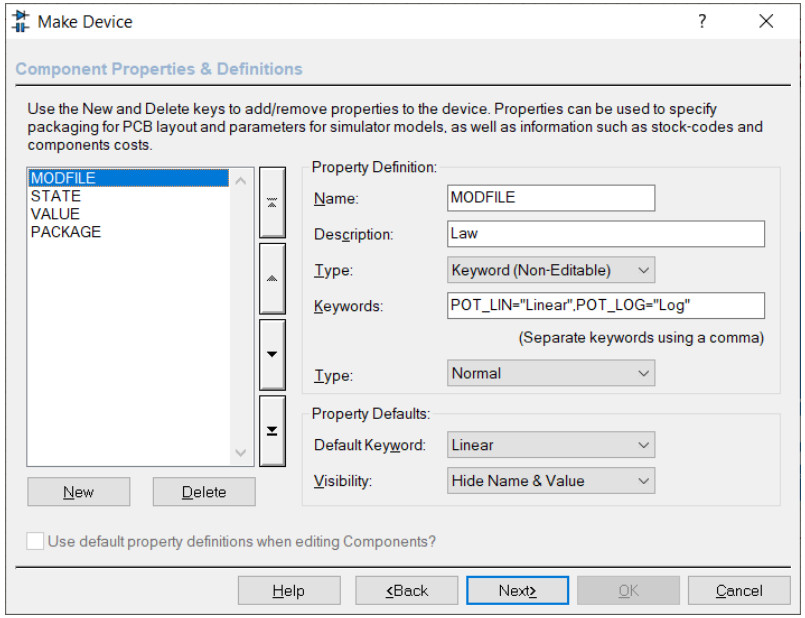
Proteus – Schematic

Make Device







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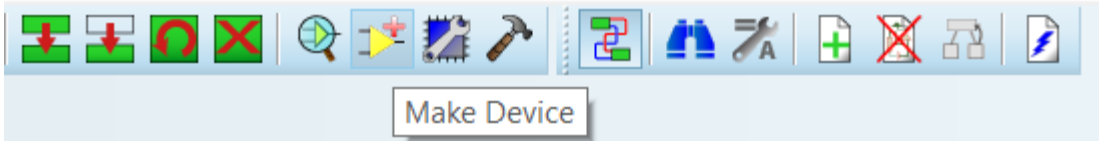
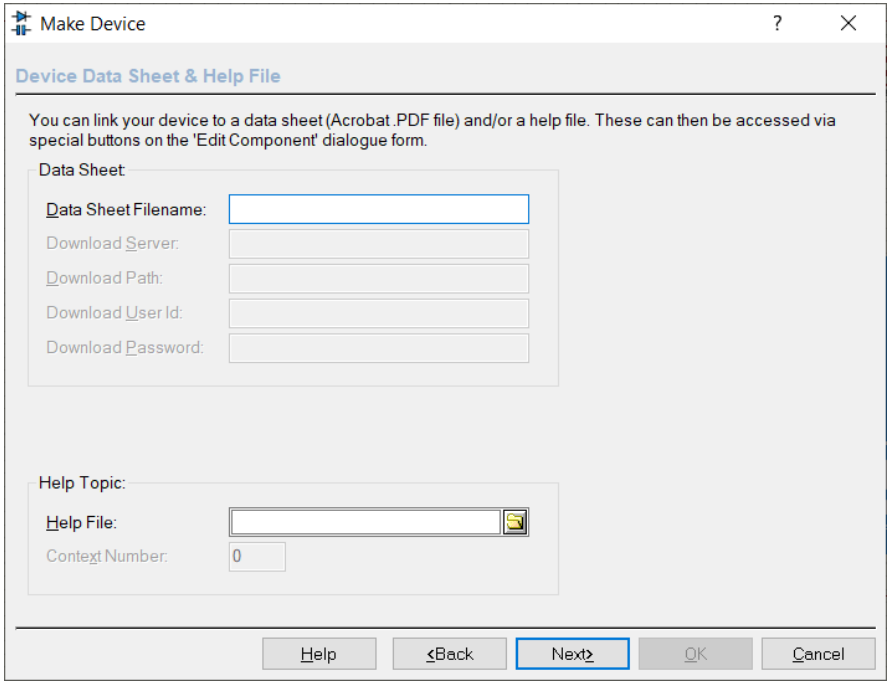
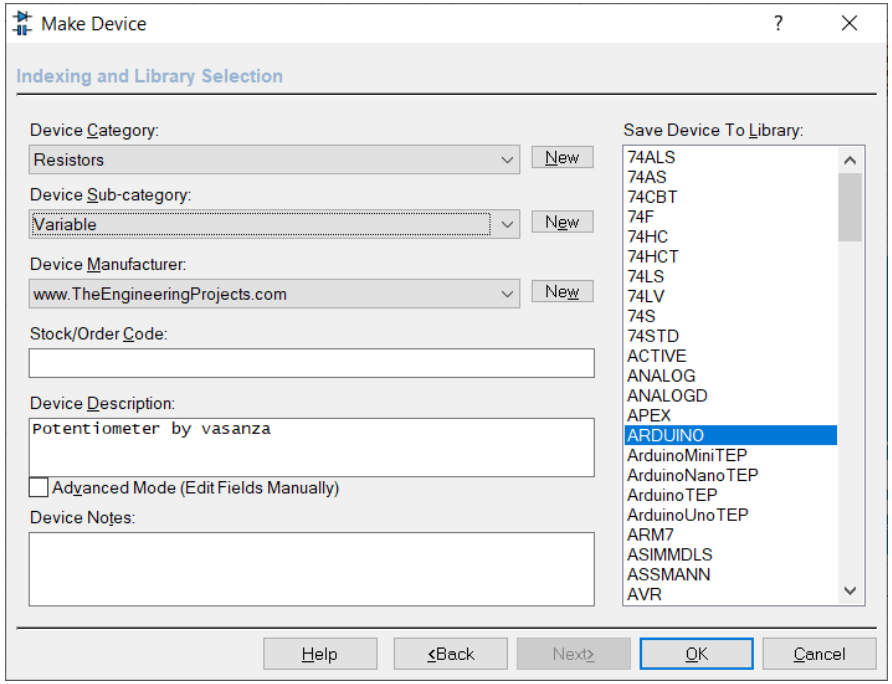
Proteus – Schematic

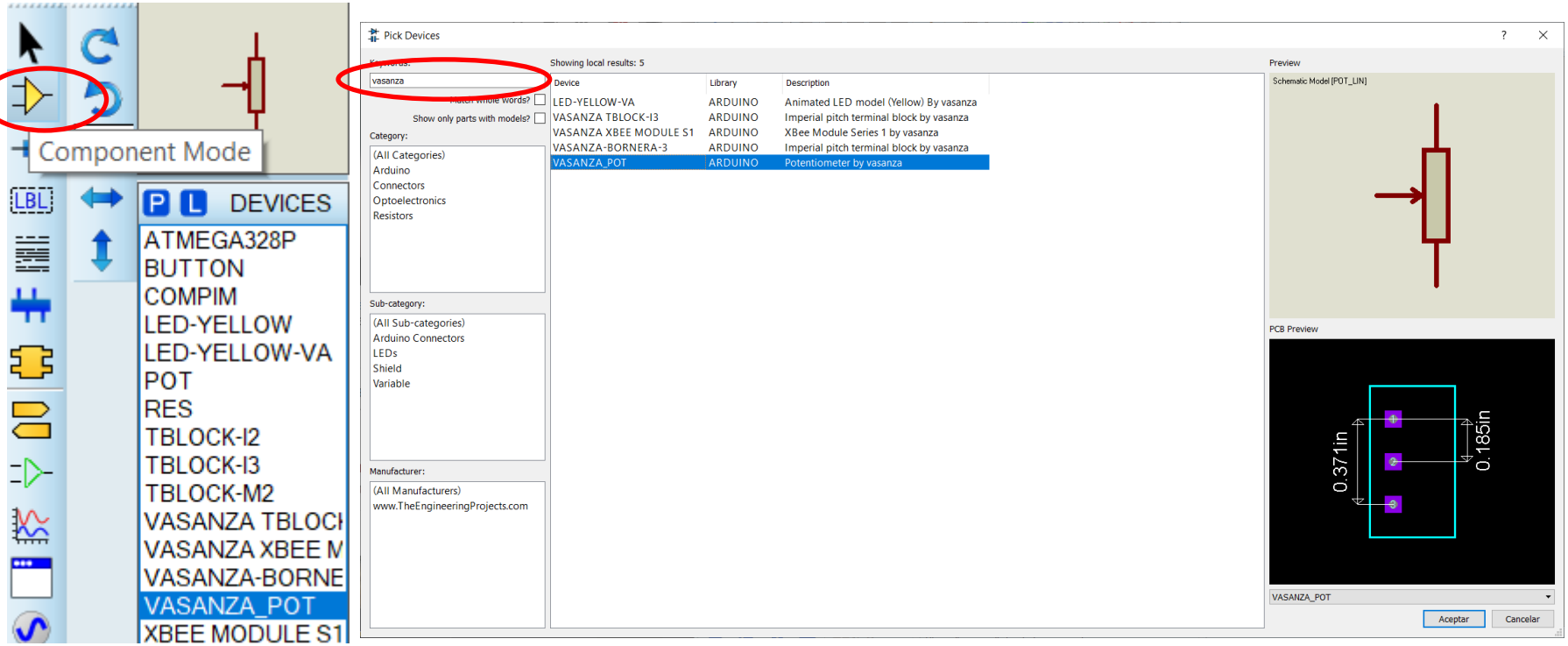
Make Device







Proteus – Schematic



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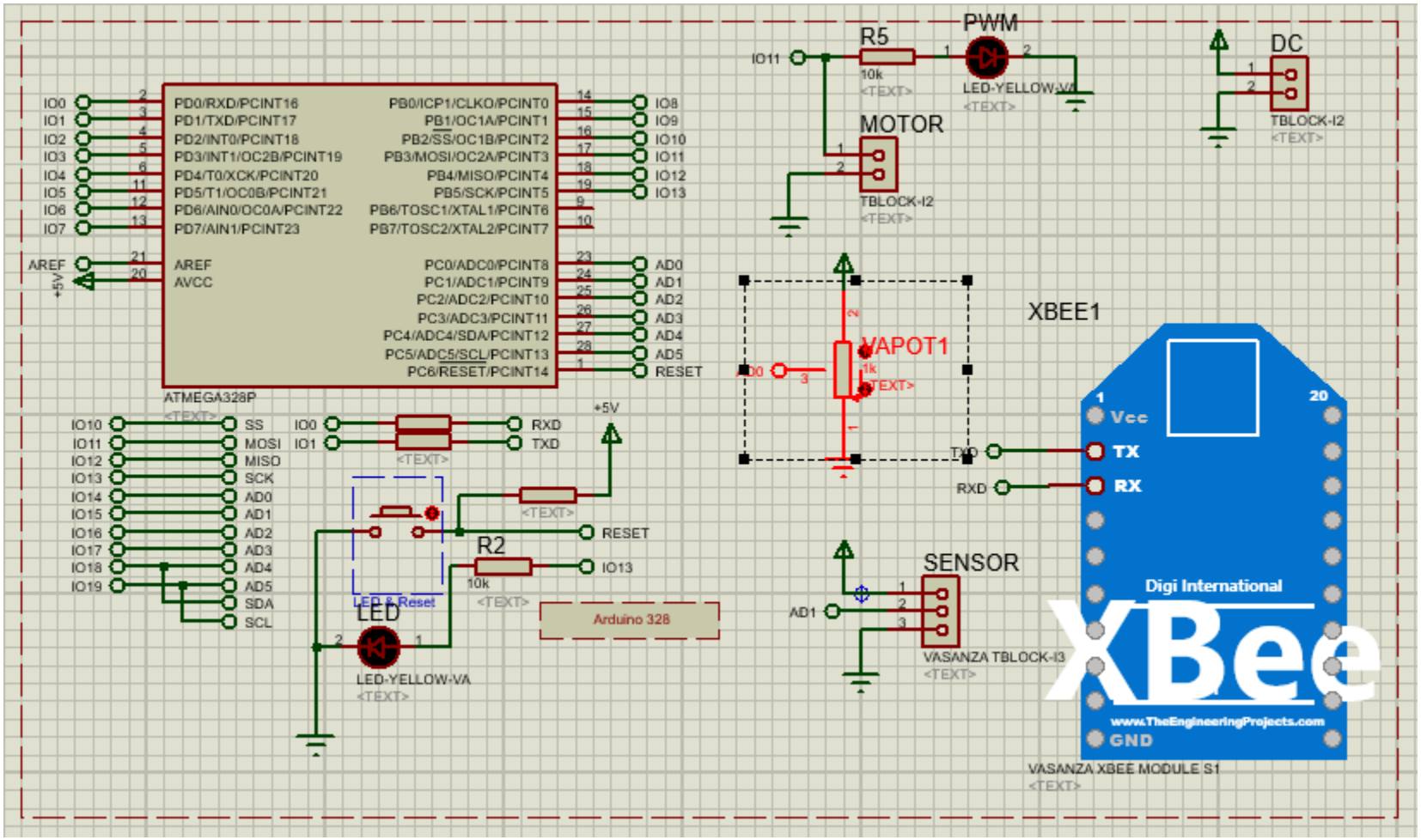
Proteus – Schematic



GRABCAD

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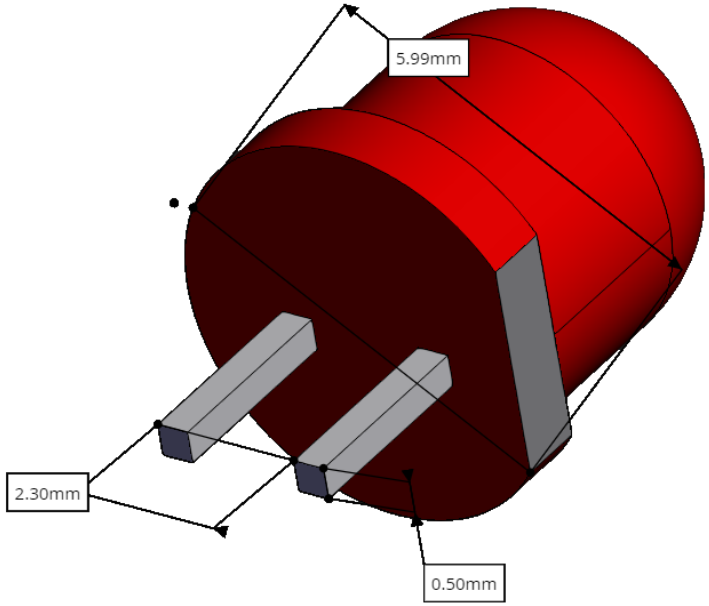

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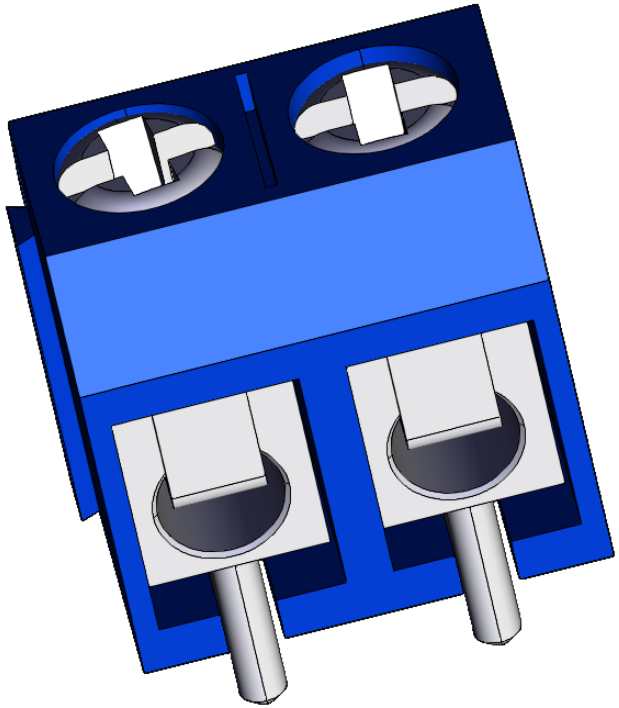

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GRABCAD

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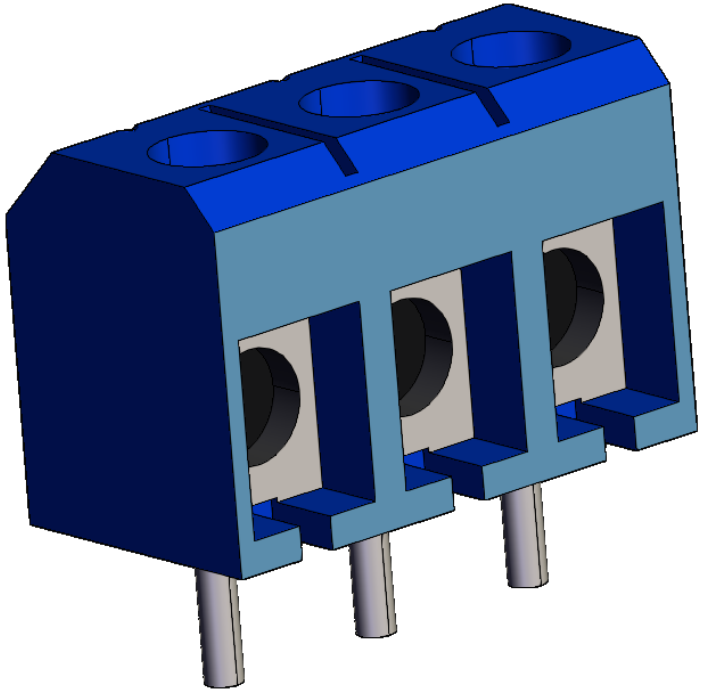
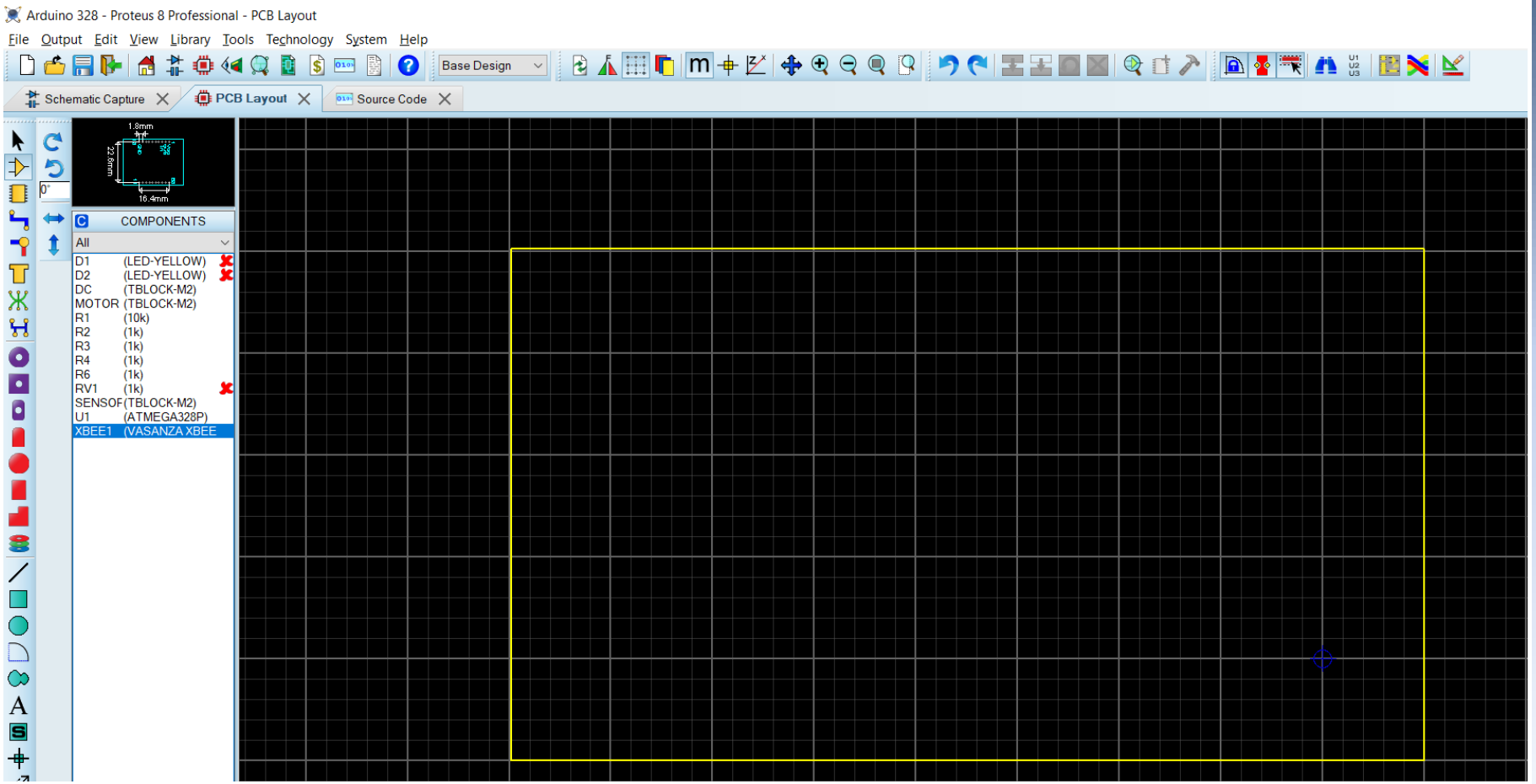
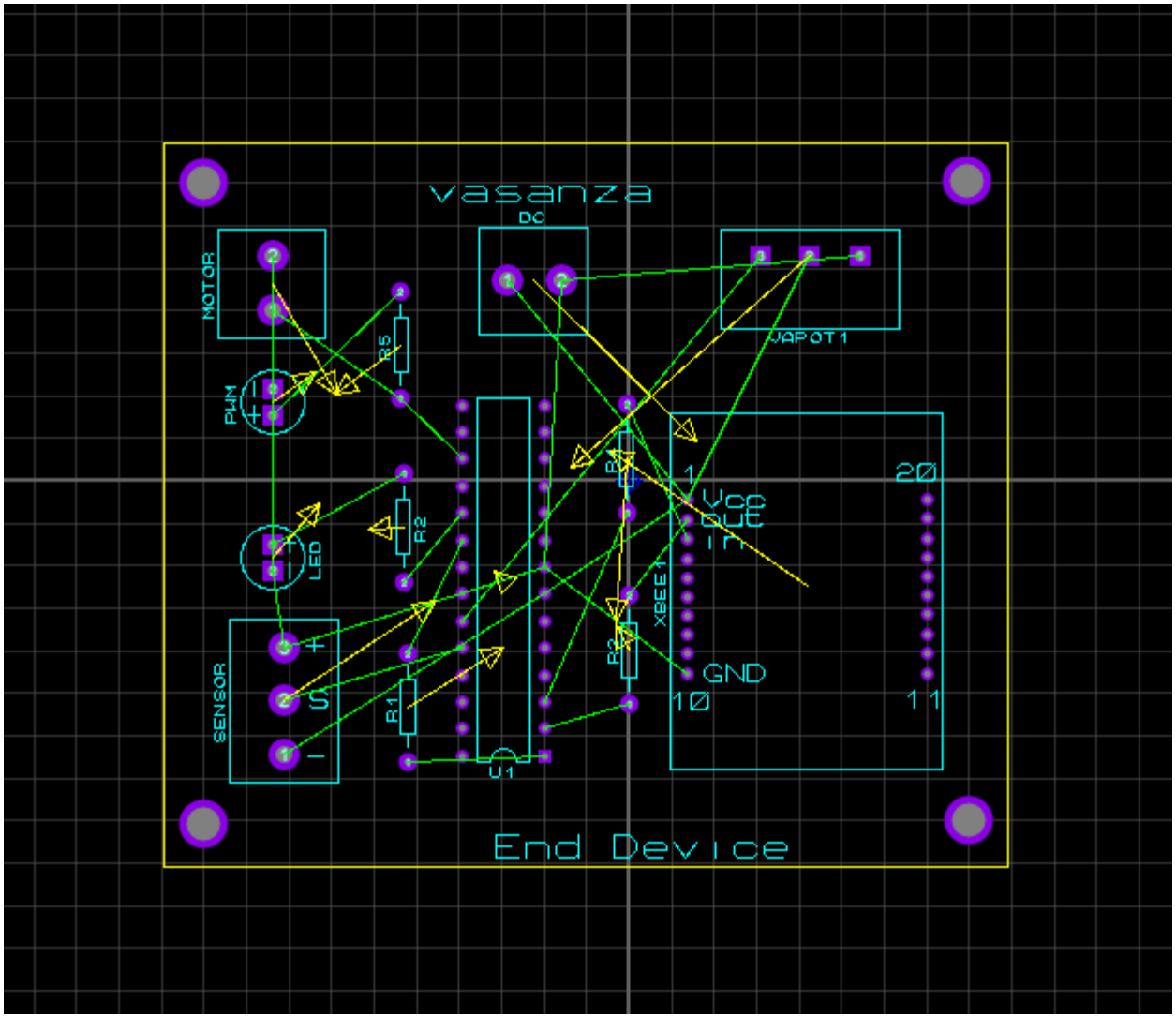


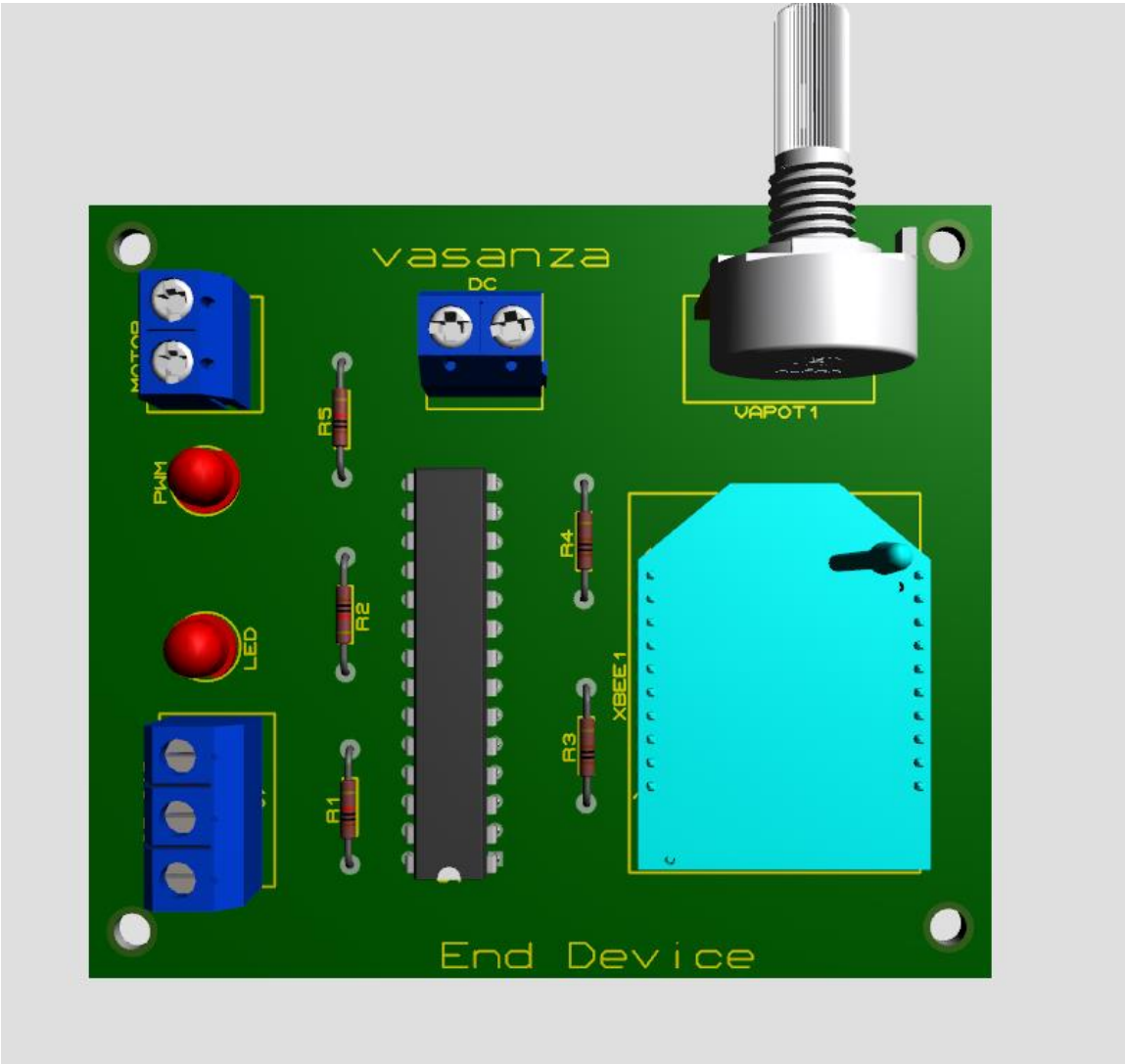
Proteus – PCB Layout



Proteus – PCB Layout



Proteus – 3D Visualizer



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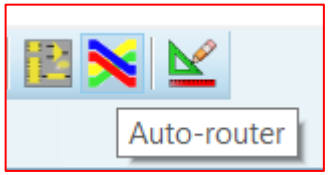
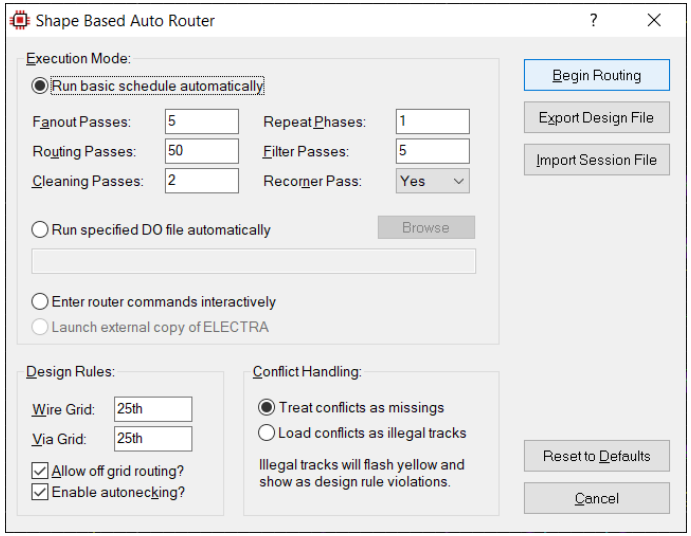
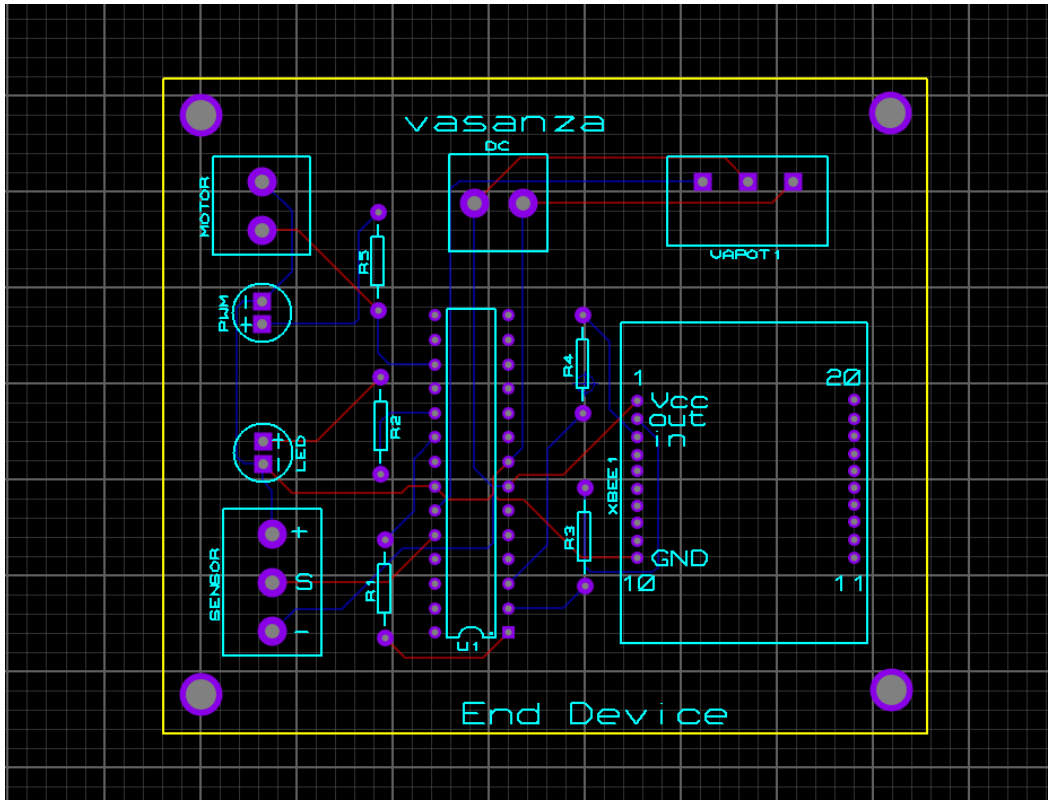
Proteus – PCB Layout







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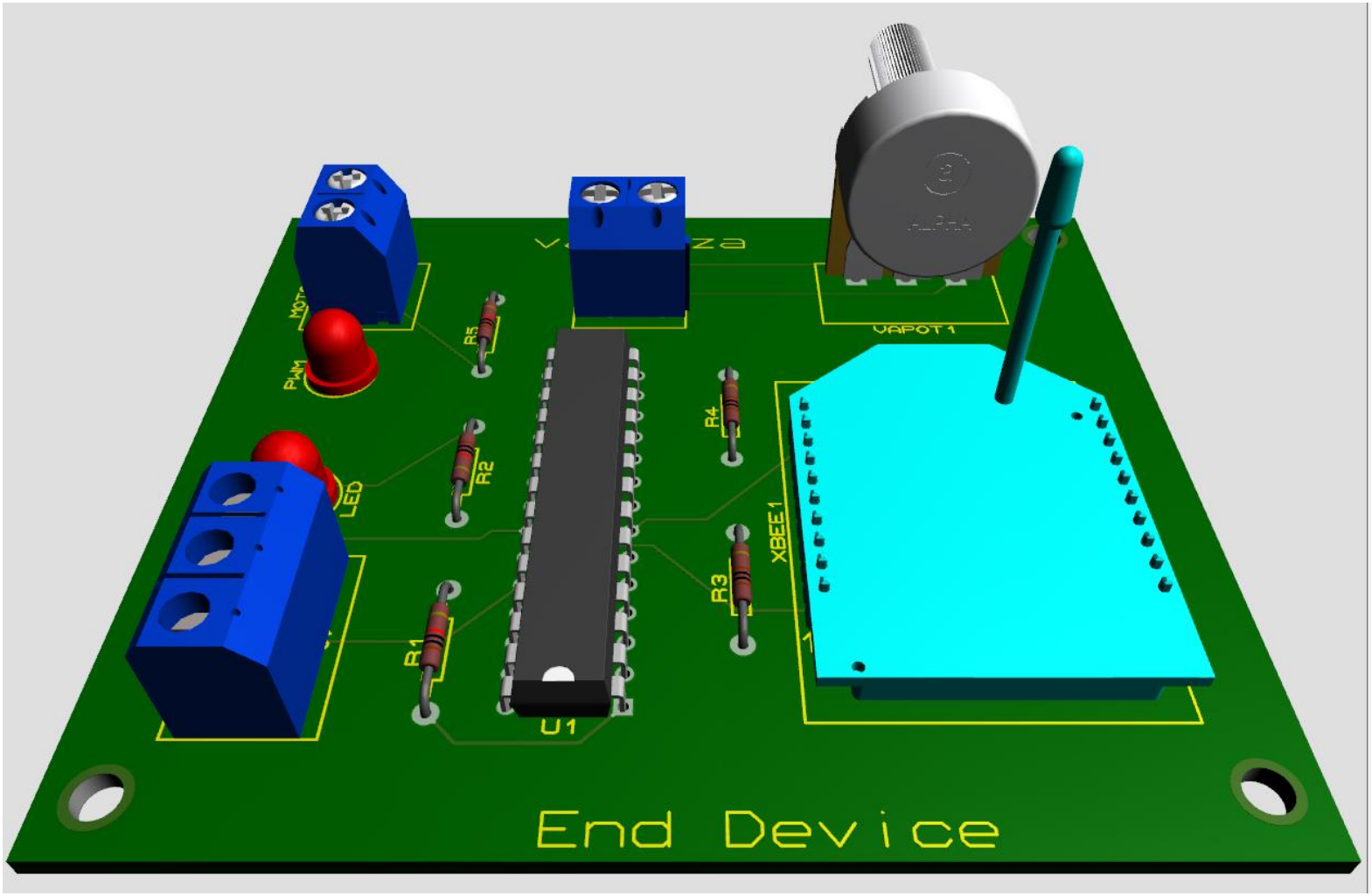
Proteus – 3D Visualizer



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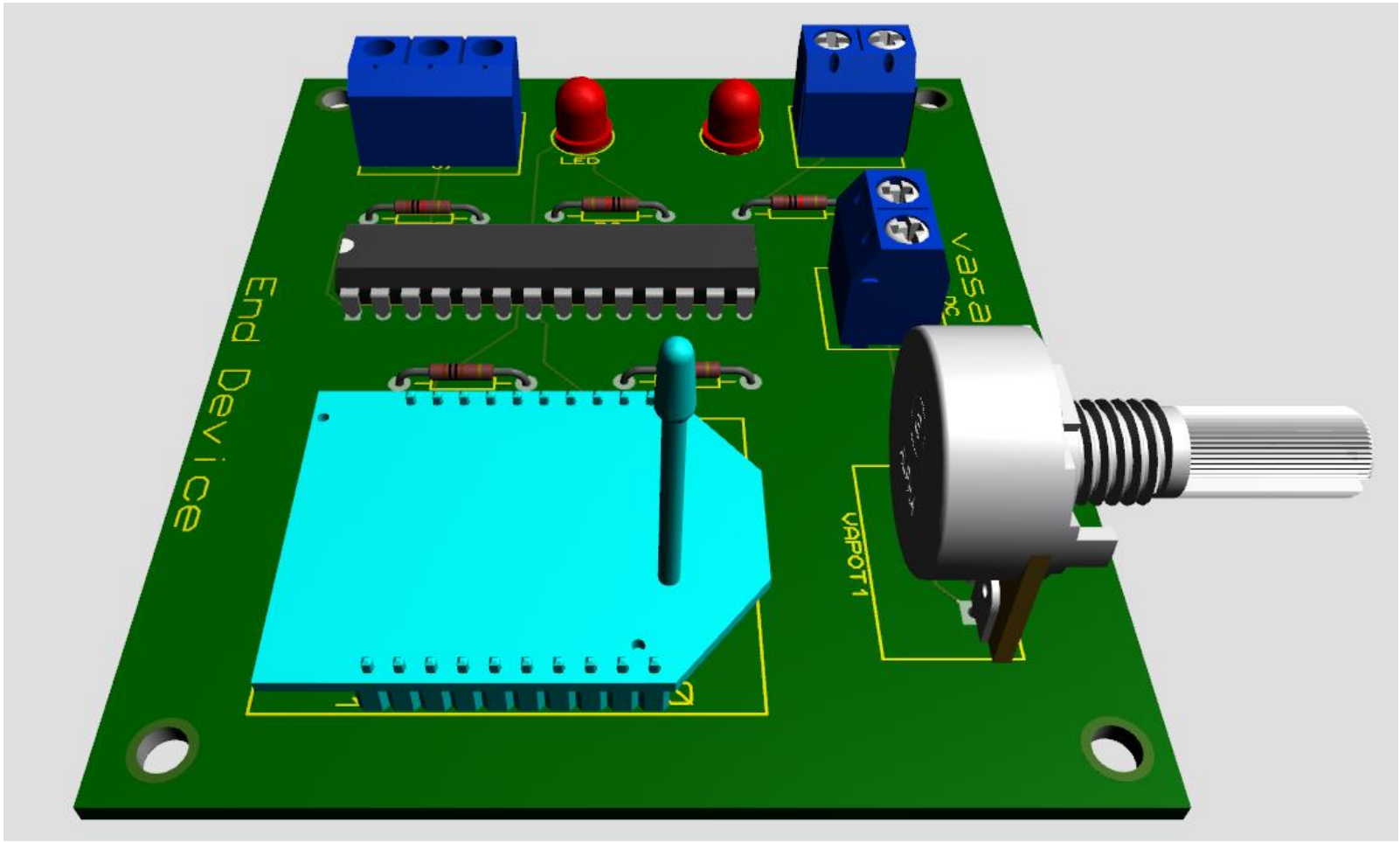

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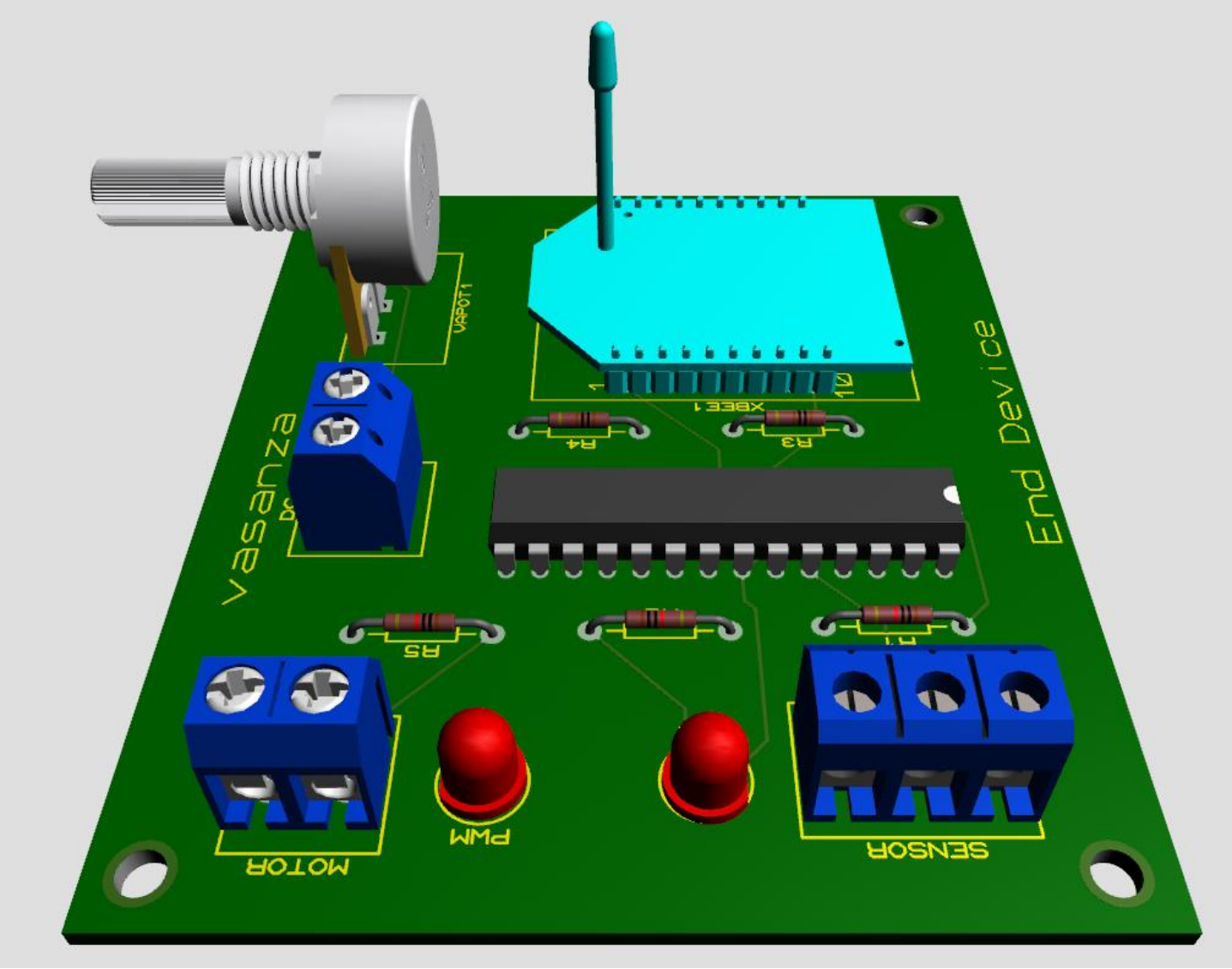

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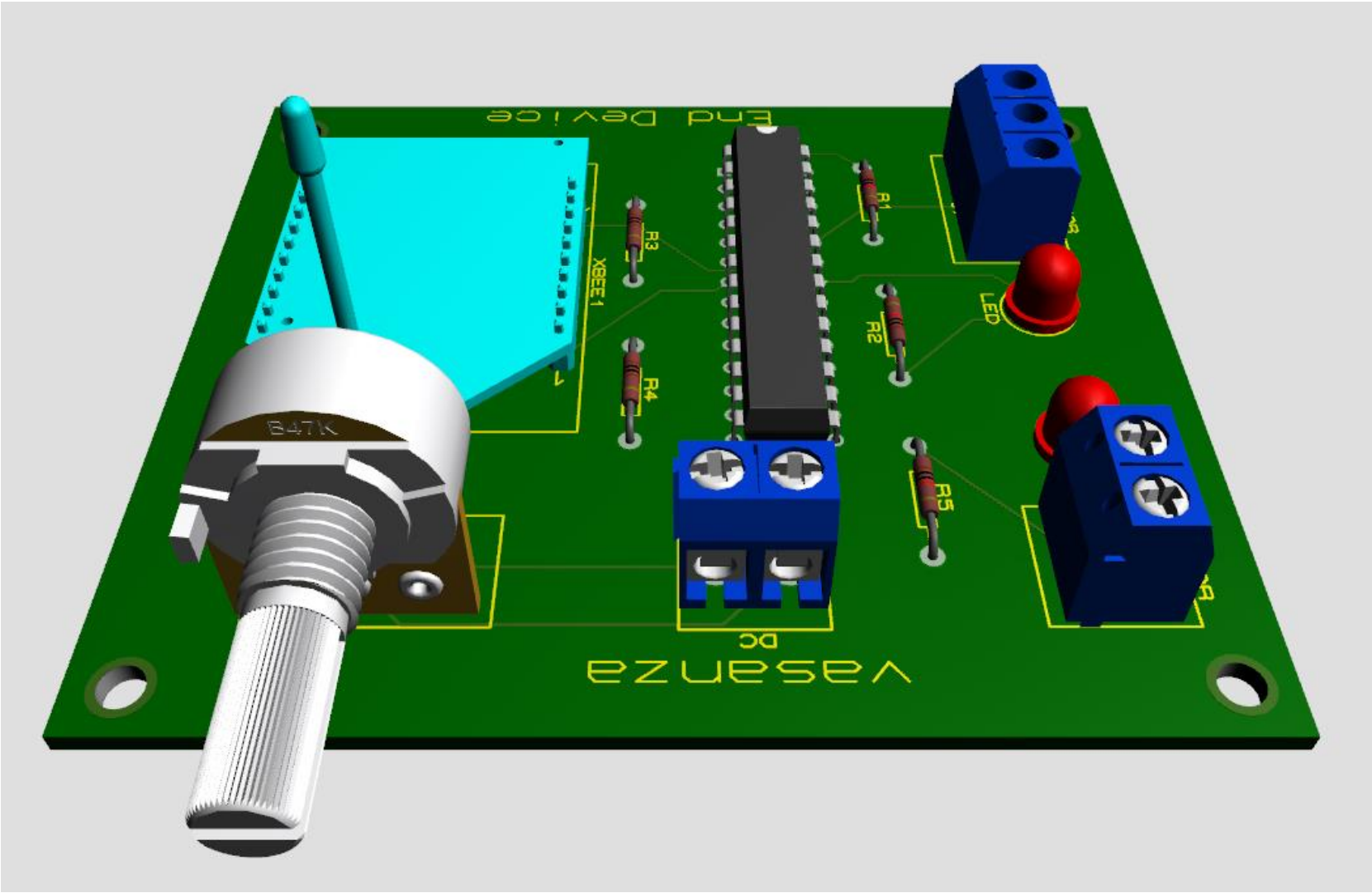
Proteus – 3D Visualizer



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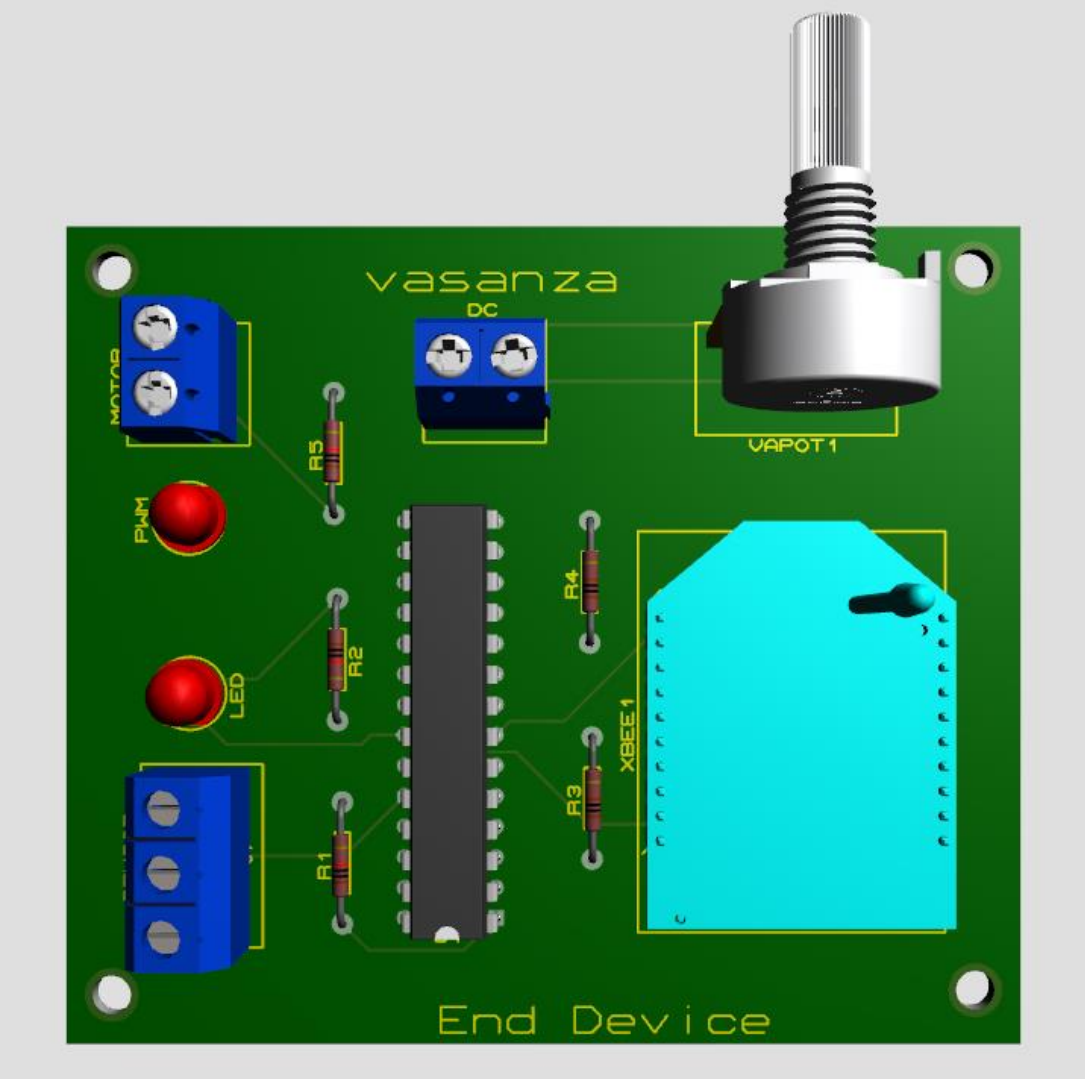

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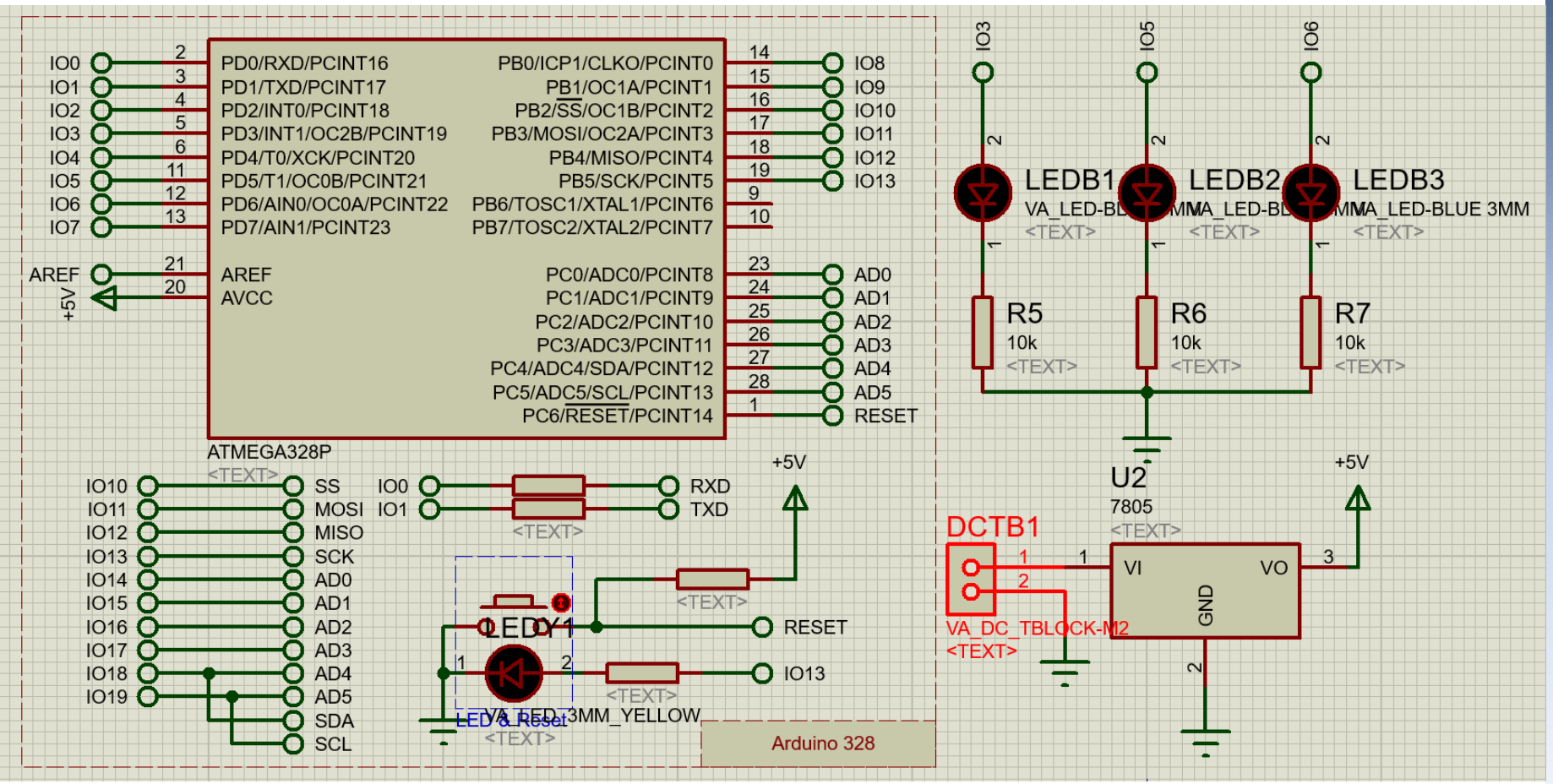
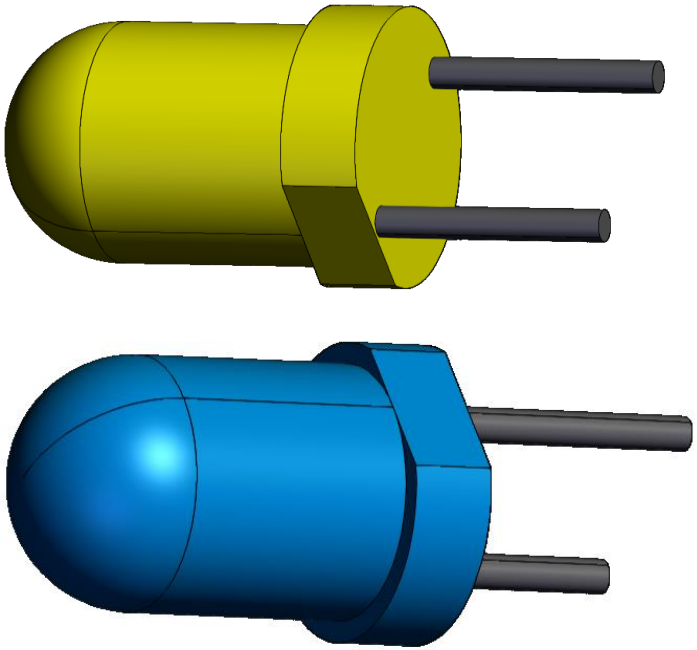
PROTEUS
PCB DESIGN
(Ejemplo 2)

Proteus – Schematic



GRABCAD

https://grabcad.com/library/led-3mm-pack-colors-1



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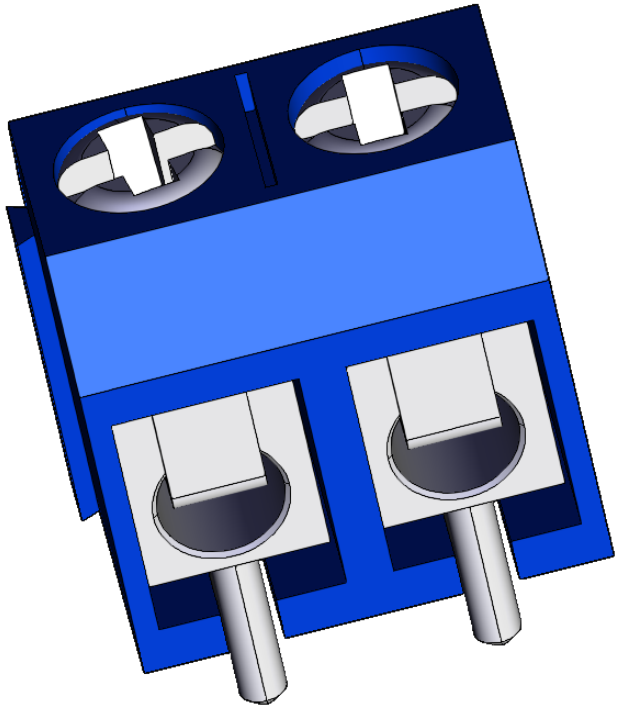
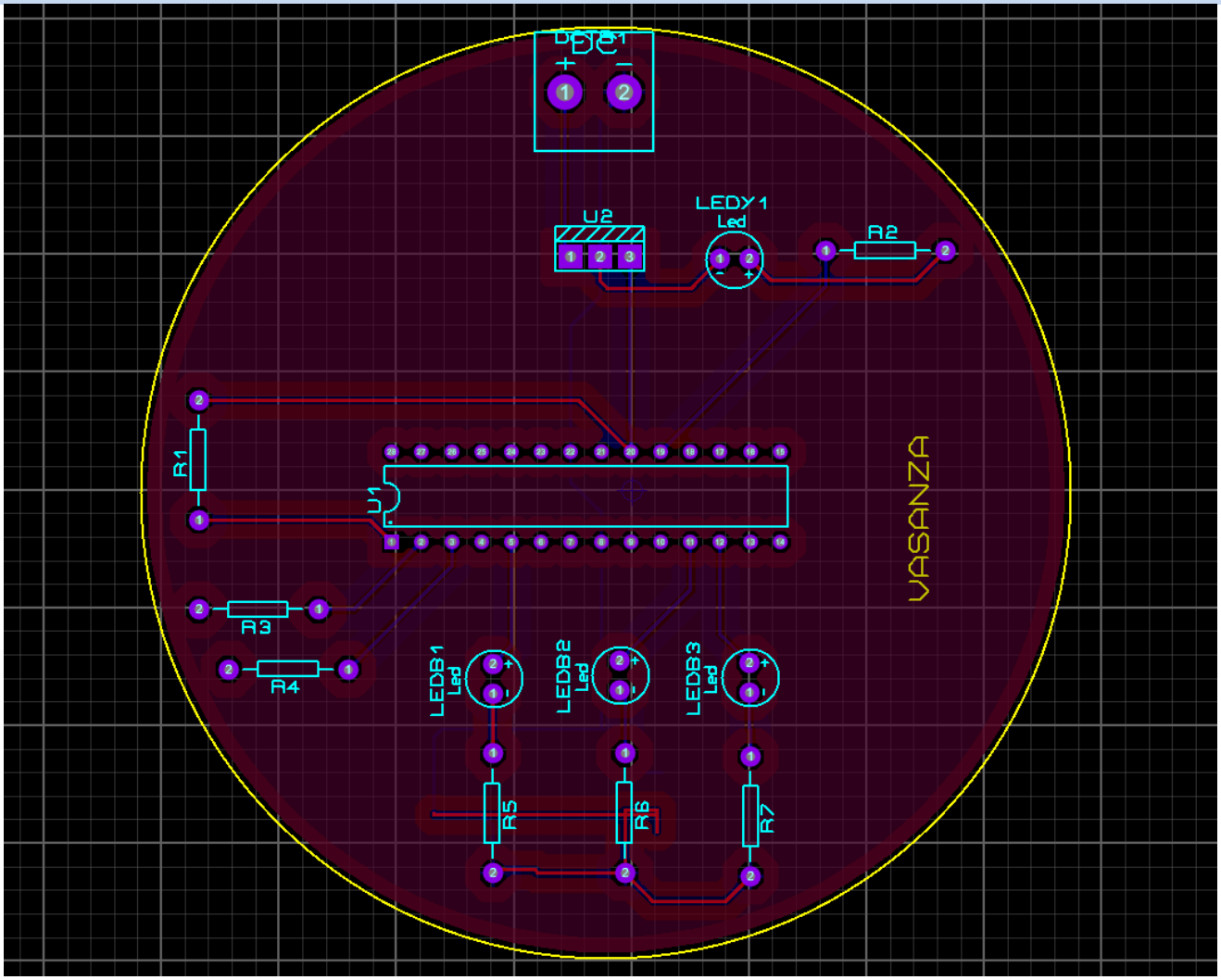


Proteus – PCB Layout



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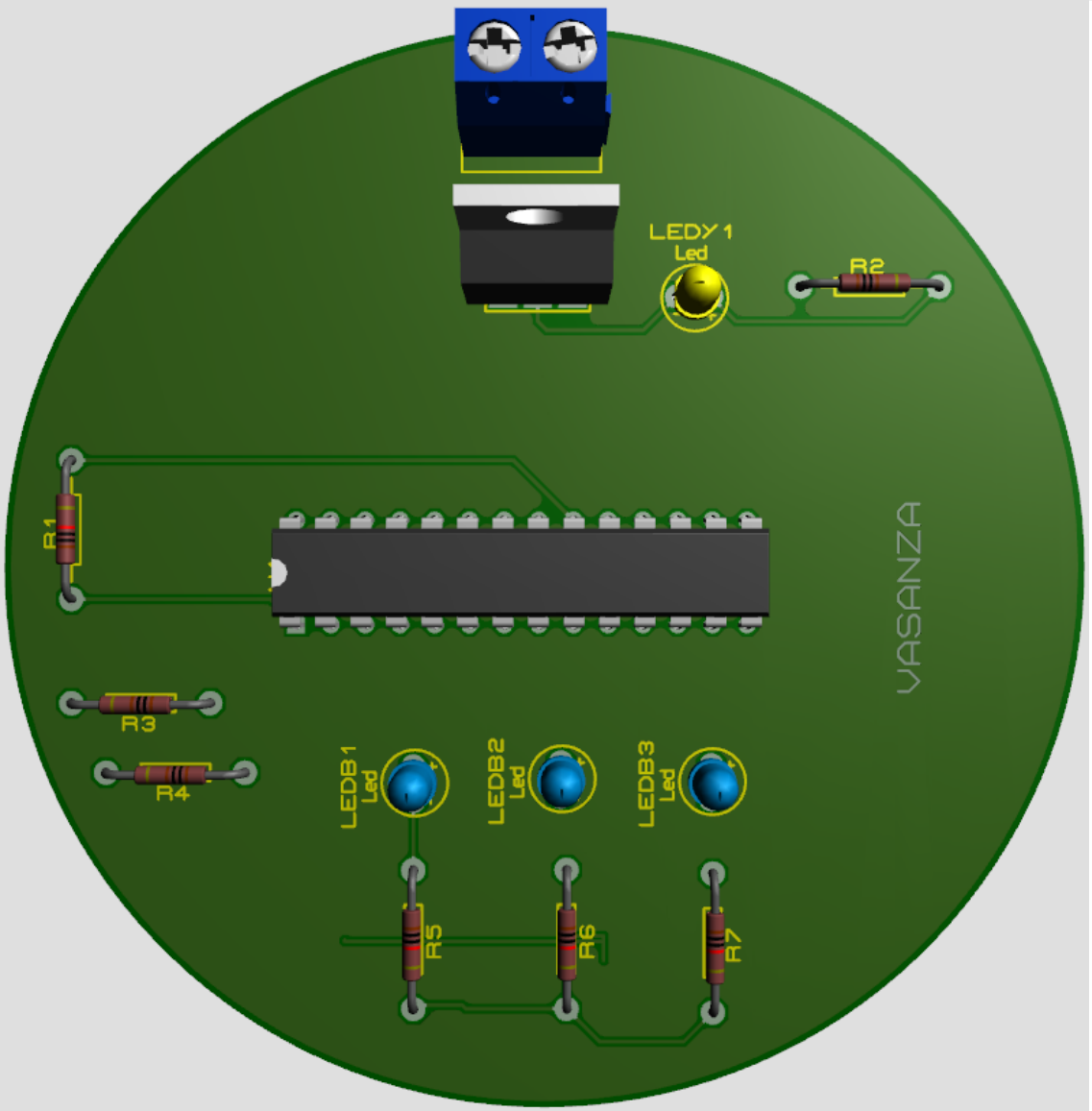
Proteus – 3D Visualizer



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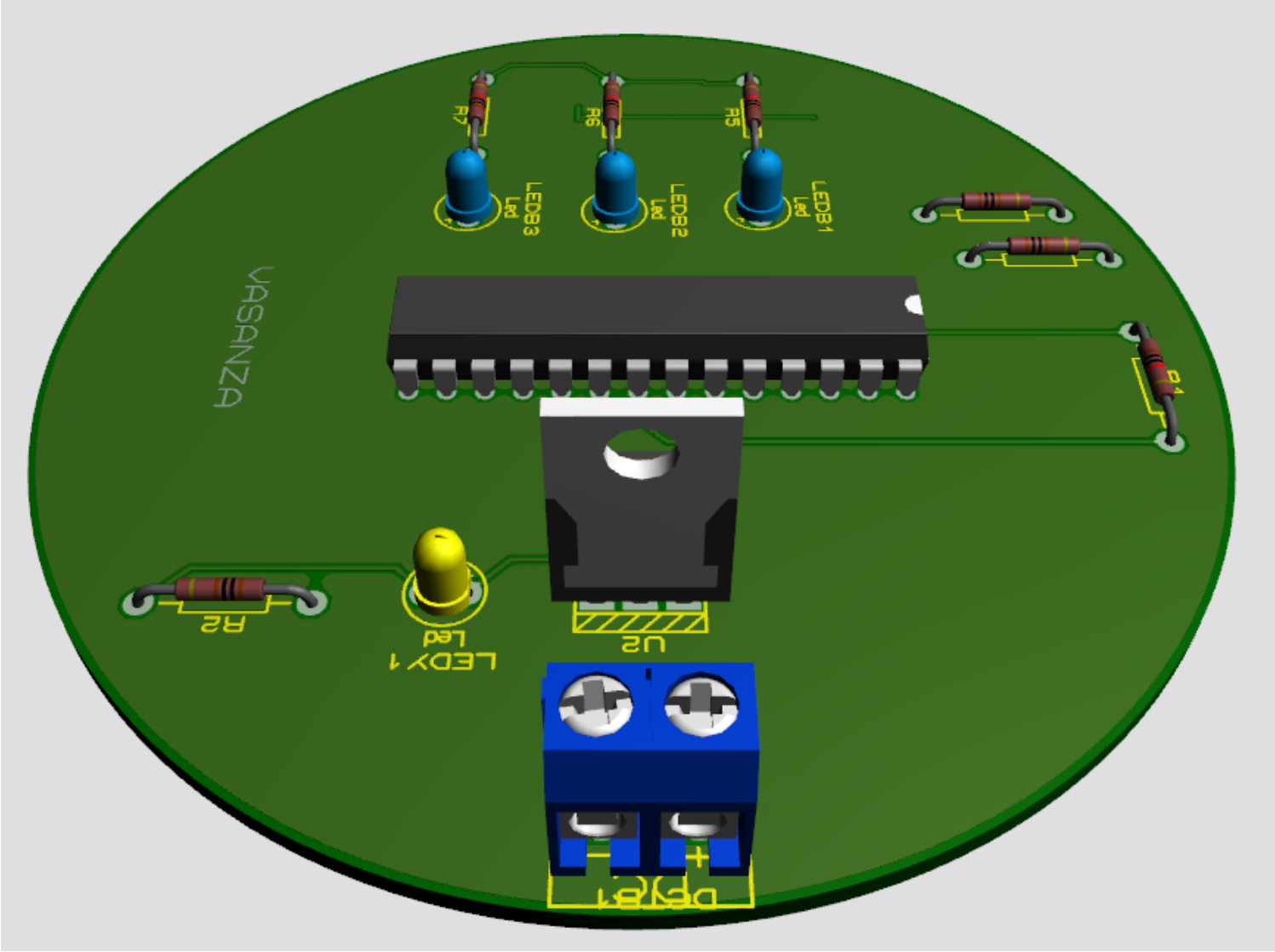
Proteus – 3D Visualizer



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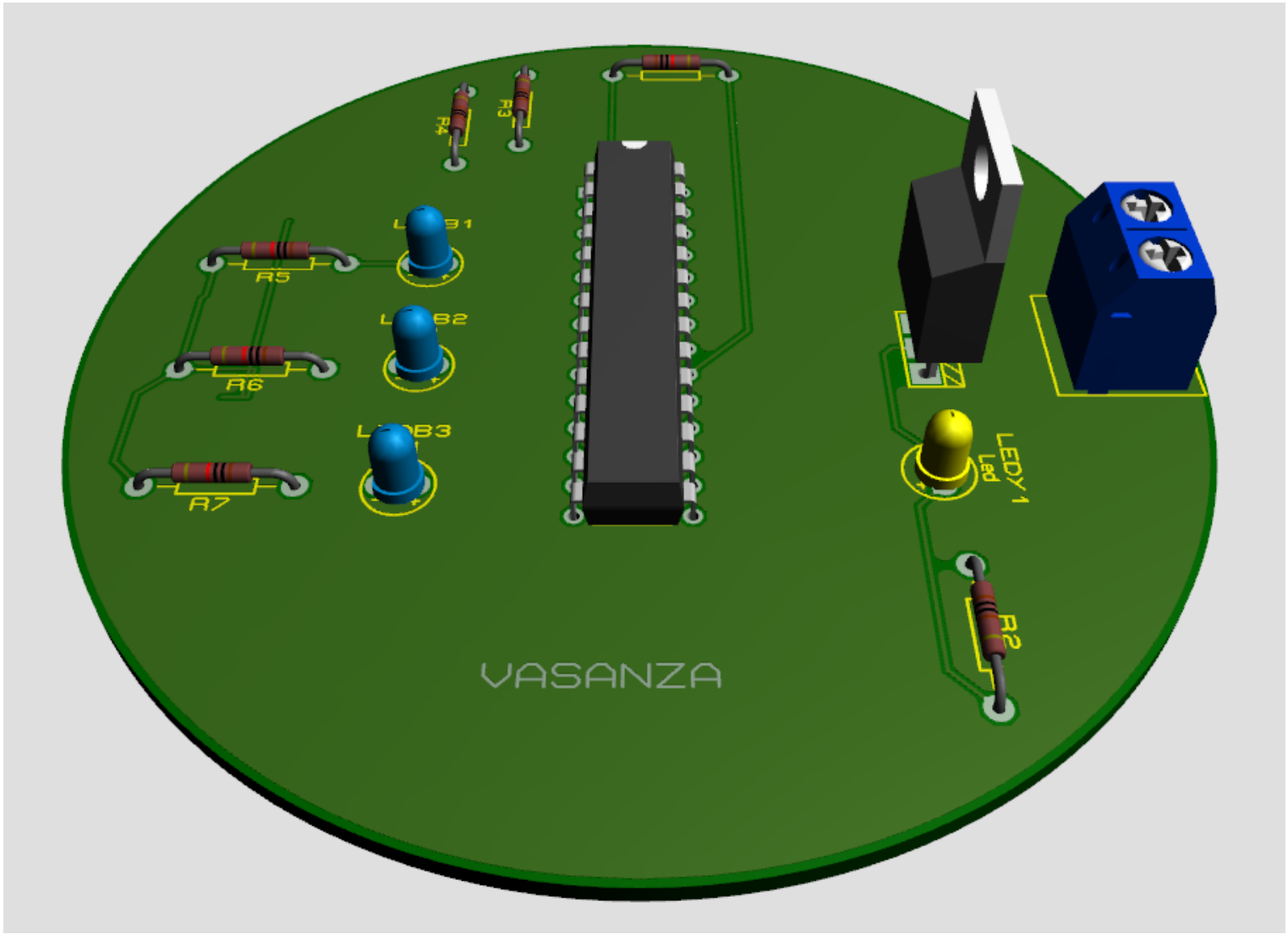
Proteus – 3D Visualizer



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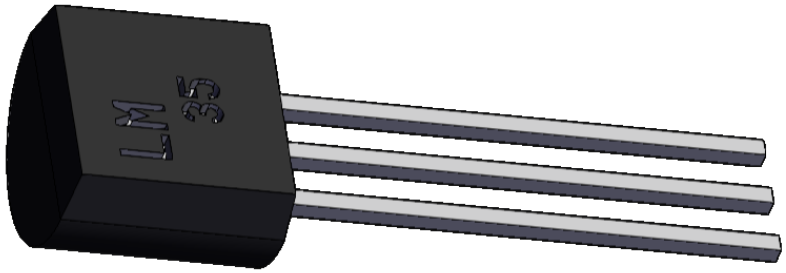
GRABCAD (Otros componentes)

https://grabcad.com/library/push-button-2-pin-5mm-1

https://grabcad.com/library/lm35-3



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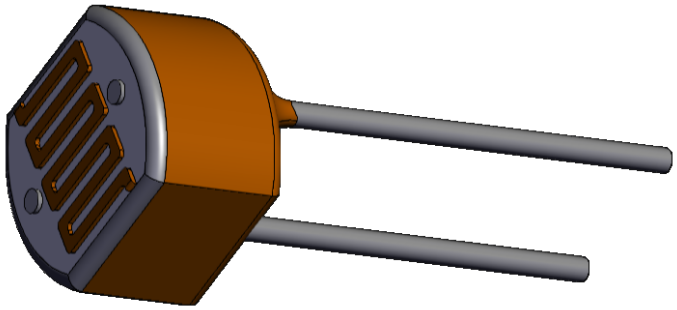

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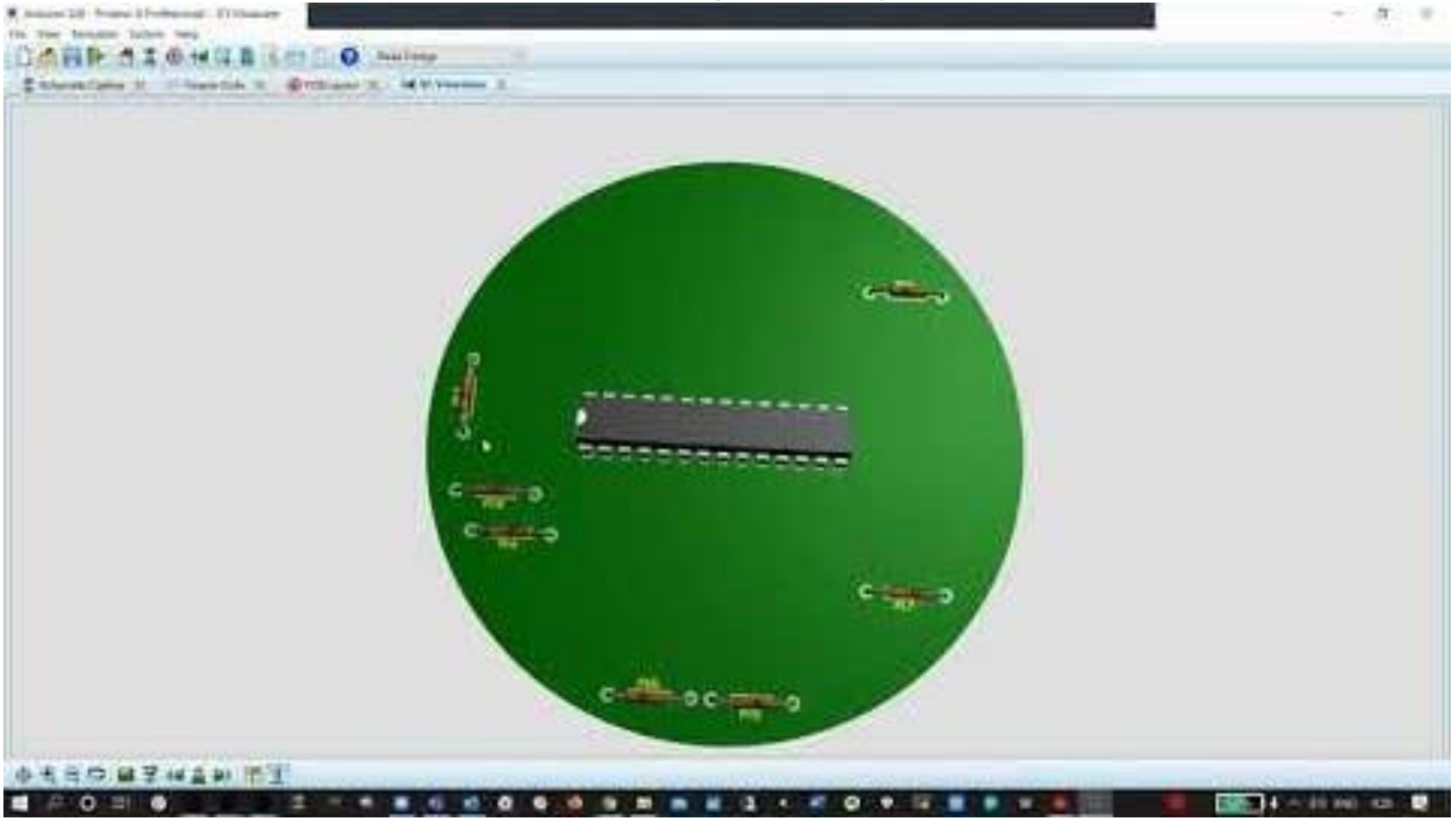
Video Ejemplo2



https://youtu.be/NZdTCrPsyv8

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Recursos

- Código End Device para Arduino
- Código End Device para Proteus

- PCB en Proteus (Ejemplo 1)
- PCB en Proteus (Ejemplo 2)

Leer temas relacionados al diseño de PCB

- ✅ 2020 PAO2: Electronic Prototype Development
- ✅ #Proteus #PCB Design
- ✅ Instalación de #ALTIUM #CircuitMaker y especificaciones del #ESP32
- ✅ #ESP8266 Module
- ✅ Create a #Schematic in Altium Designer
- ✅ Create a #PCB in #Altium Designer
- ✅ Modular design approach in #Altium Designer

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