Easily **A**pplicable **G**raphical **L**ayout **E**ditor
EAGLE
Schematic, Spice Simulator and Layout Editor

Instituto Tecnológico de Morelia
Maestría en Ciencias en Ingeniería Electrónica

June 17, 2018

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What is EAGLE?
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License

EAGLE is a software to design schematics and **PCB**s (Printed Circuit Boards). Its popularity around the world became for the use in **DiY** (Do it Yourself) electronic projects; because have a Freeware license and a large number of component libraries around the network.

- The **Schematic Editor** allows to draw diagrams for electronic systems.
- The **Layout Editor**, which allows to design **PCBs**.

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Figura 1:   Interaction between Schematic and Layout editor.

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System Requirements for Autodesk EAGLE

Operative System	Requirements
Windows	Microsoft® Windows® 7 or newer is required. EAGLE 64-bit requires a 64-bit operating system.
Linux	Linux® based on kernel 2.6 for Intel computers, X11 with a minimum color depth of 8 bpp, the following runtime libraries: libssl.so.1.0.0, libcrypto.so.1.0.0, and CUPS for printing.
Mac	Apple® Mac OS® X version 10.10 or above for Intel computers.
All operating Systems	A minimum graphics resolution of 1024x768 pixels and preferably a 3-button wheel mouse.

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Figura 2: https://www.autodesk.com/education/free-software/eagle

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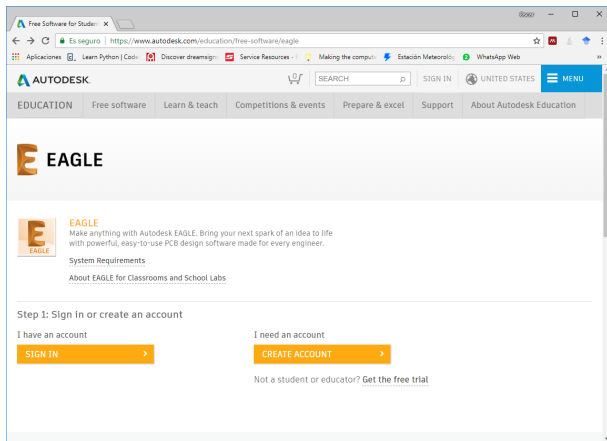Library

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Get Education Benefits

Country, Territory, or Region of educational institution

Country, Territory, or Region ▾

Educational role   WHAT'S THIS ?

Educational role ▾

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Get Education Benefits

Country, Territory, or Region of educational institution

| Mexico ▼ |

Educational role   WHAT'S THIS ?

| Student ▼ |

Date of Birth

| September ▼ | 16 ▼ | 1991 ▼ |

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Create account

First name
Oscar

Last name
Lobato

Email
relobato15@hotmail.com ✓

Confirm email
relobato15@hotmail.com ✓

Password

- At least 1 letter
- At least 1 number
- Minimum of 8 characters
- At least 3 unique characters

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Figura 6:   https://www.autodesk.com/education/free-software/eagle

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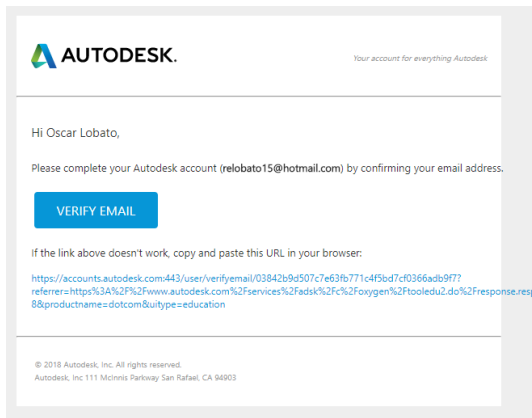Layout editor
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Just one more step

Tell us about your educational institution and how you plan to use your free software.

Name of educational institution

Instituto Tecnológico de Morelia

Area of study

☑ Architecture, Engineering & Construction

☑ Media & Entertainment

☑ Product Design & Manufacturing

☐ Others

Enrolled from

January   2017

Graduate in

March   2019

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