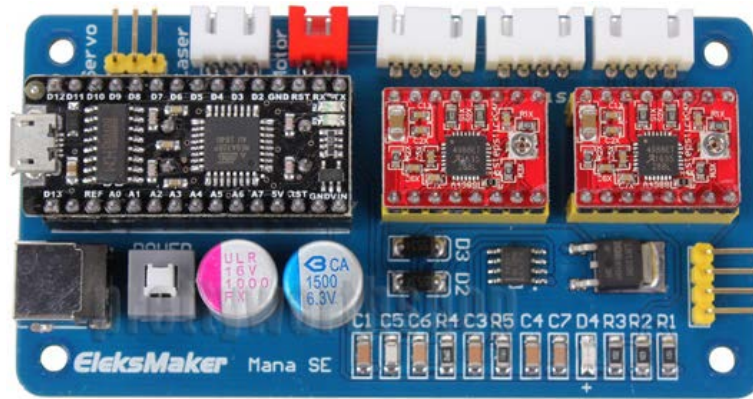


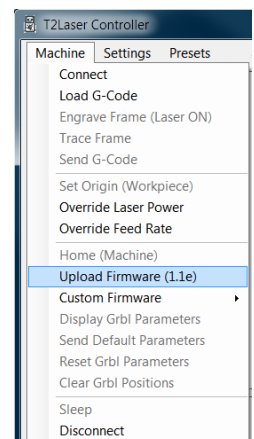
# Hardware Conversion for T2Laser (v1.3y and above)

If your controller board does not look like below (may be a different color but should say EleksMaker Mana SE), STOP and use the conversion4.pdf document.



## 1. Install firmware (Grbl)

- Make sure your machine is connected (USB cable) but switched OFF
- Open T2Laser
- Click the controller icon
- Select the laser COM port from the drop down box
  - The actual COM number will depend on your system
- Select "Upload Firmware (x.xx)" from the Machine Menu
  - Select "Yes" and the firmware upload will begin
  - Wait for the upload to finish



## 2. Test your connection

- Connect your machine
  - Click the lightning bolt
  - After it shows "Connected" you should receive a "Grbl x.xx Ready" message which confirms that the laser is responding
  - The XY positions should also be displayed

X:	0.0
Y:	0.0

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