

Moshidraw 2014

www.moshidraw.com

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New Function

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A boards



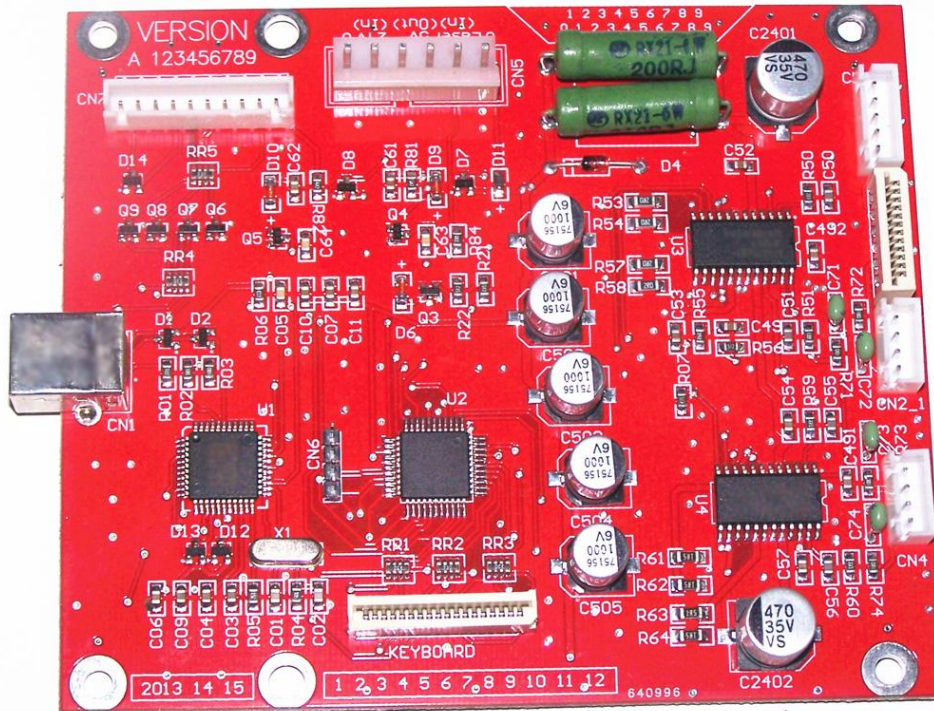
A boards

Support keyboard

Support other motor driver

Support USB Reconnect

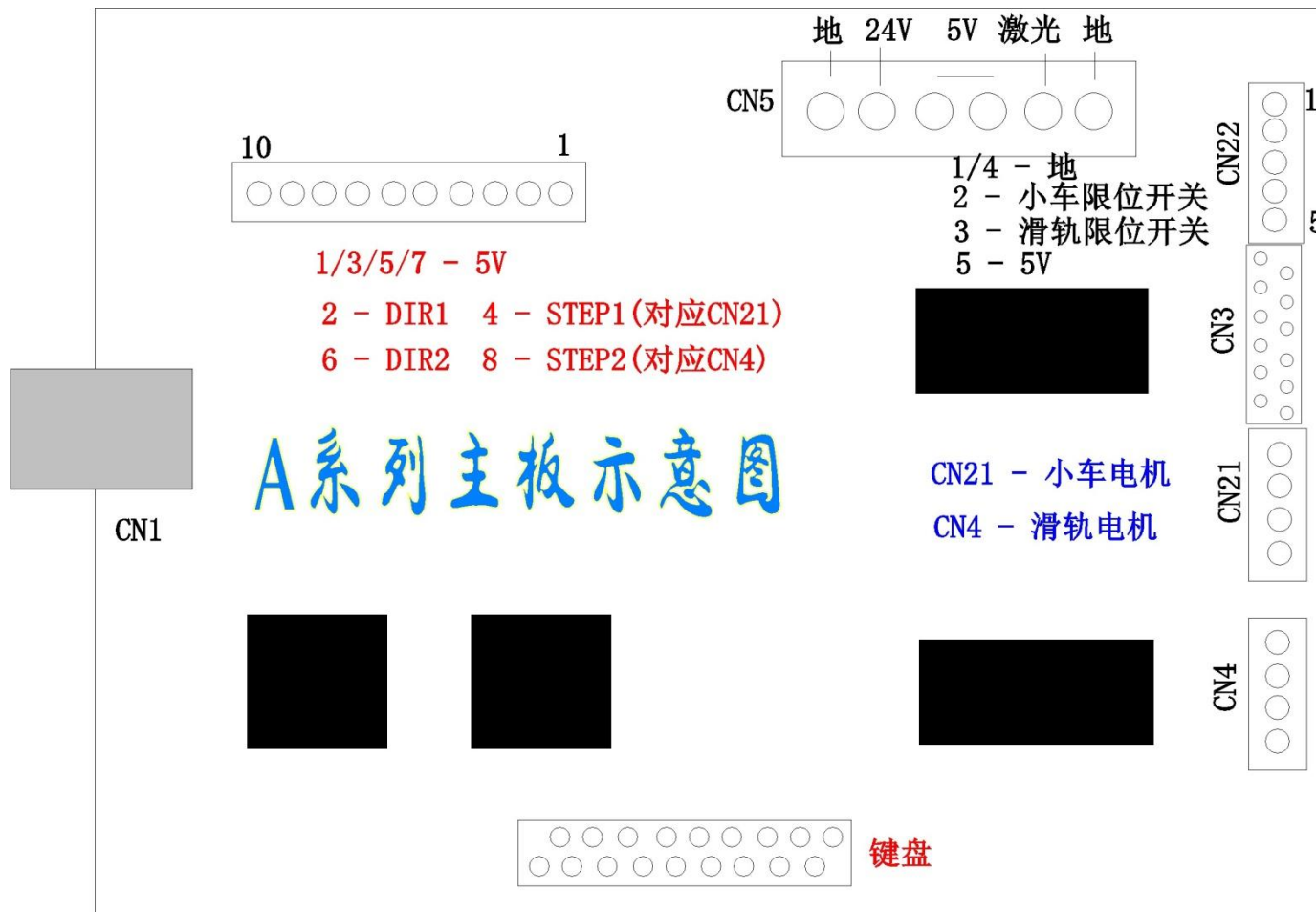
Have motor drive IC



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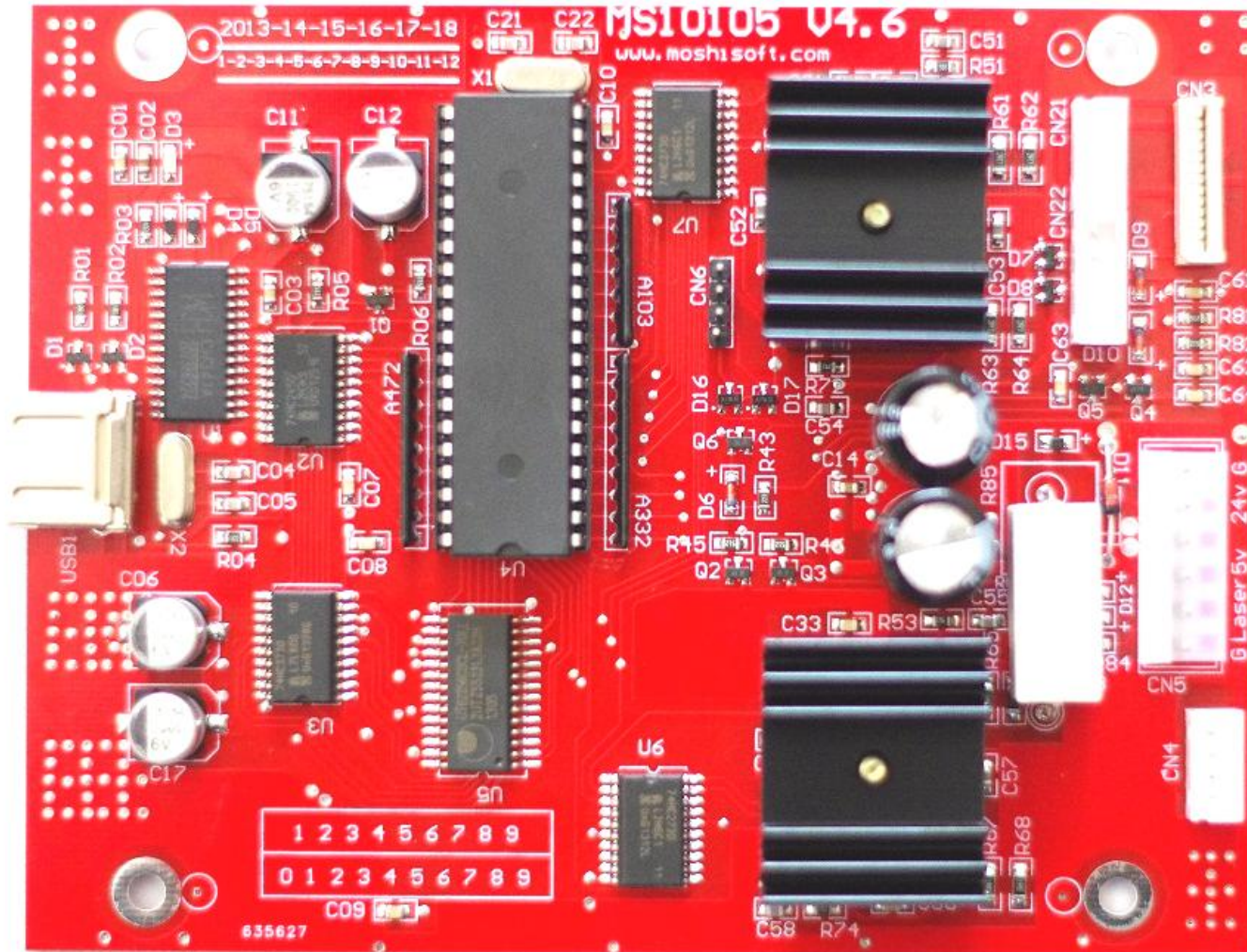
A boards connect



MS10105 board

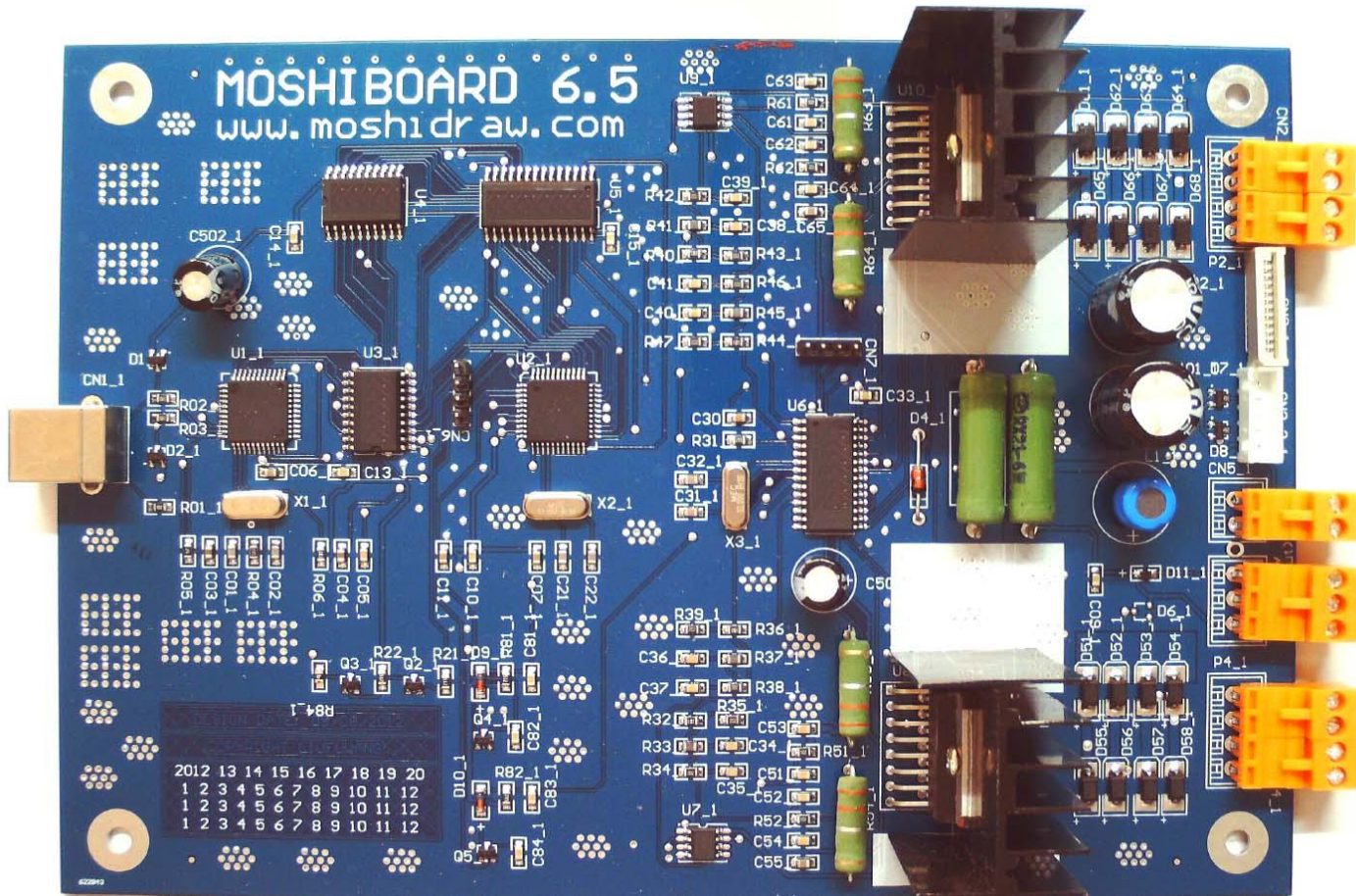
TEL: +86-0635-8961024

Store: <http://www.aliexpress.com/store/405639>

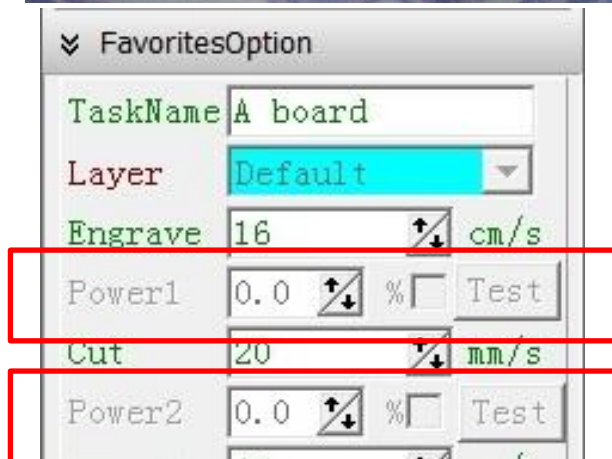
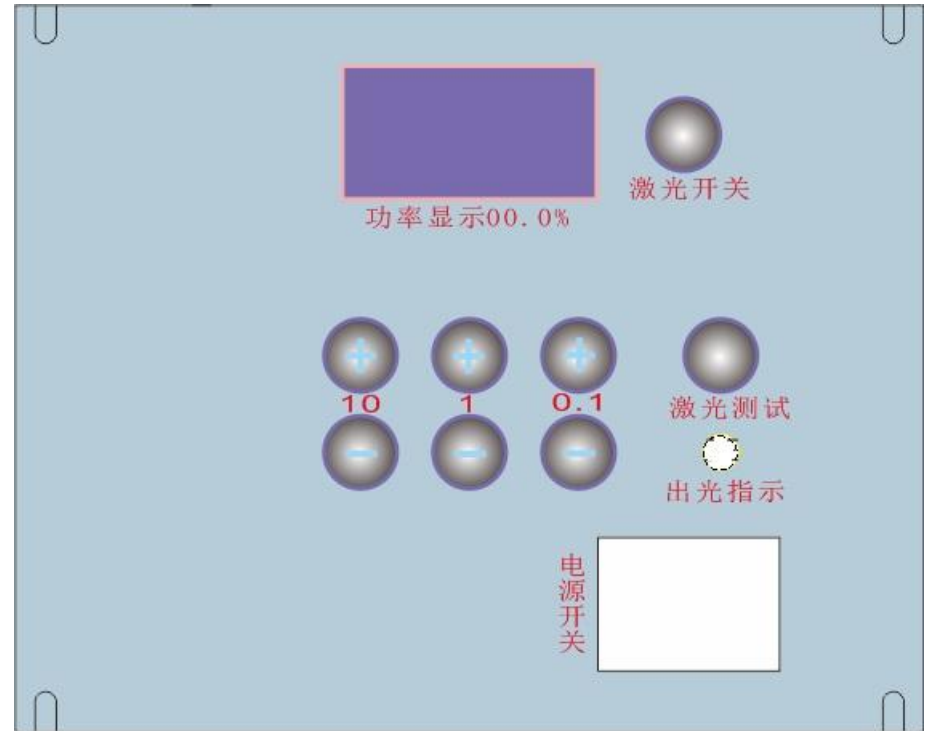
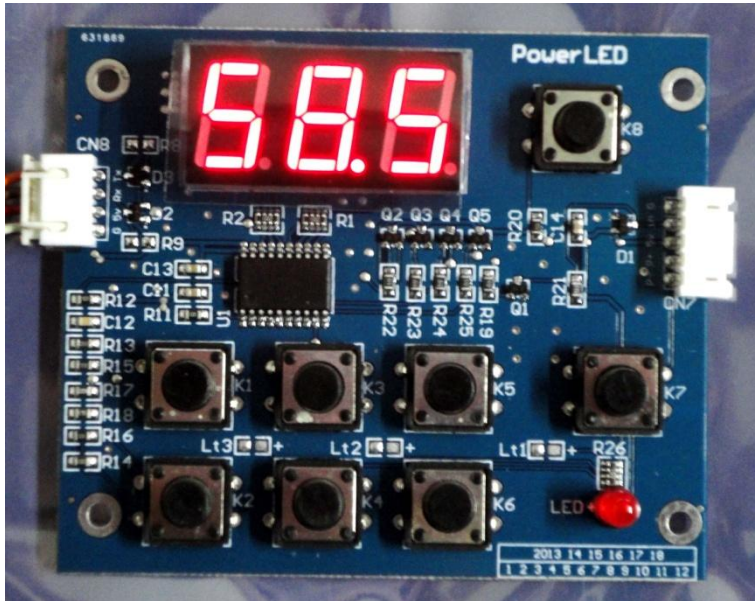


6.5 board

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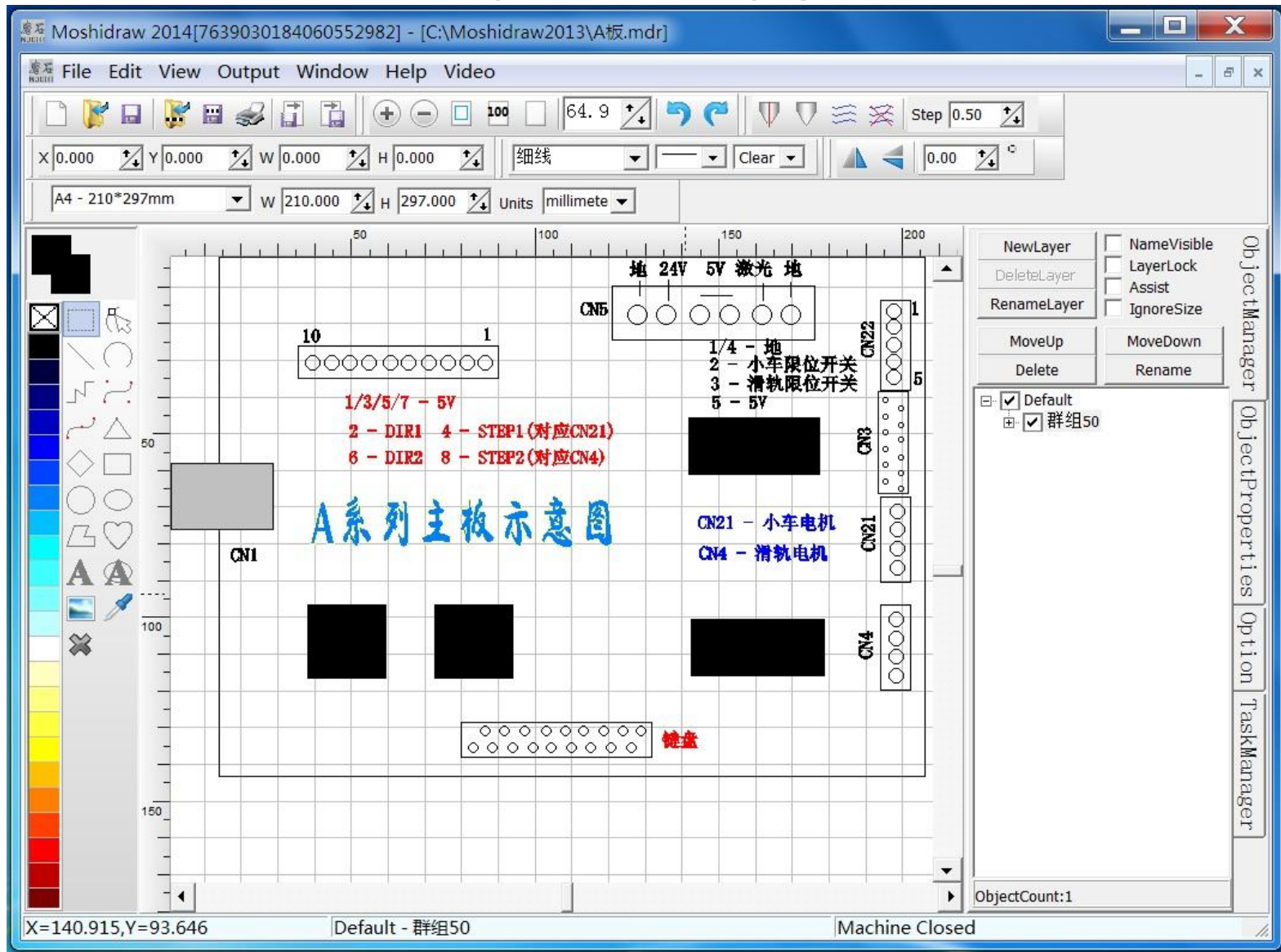
PowerLED



Connect LaserPower, limit(0-100%)

Moshidraw can set LaserPower value

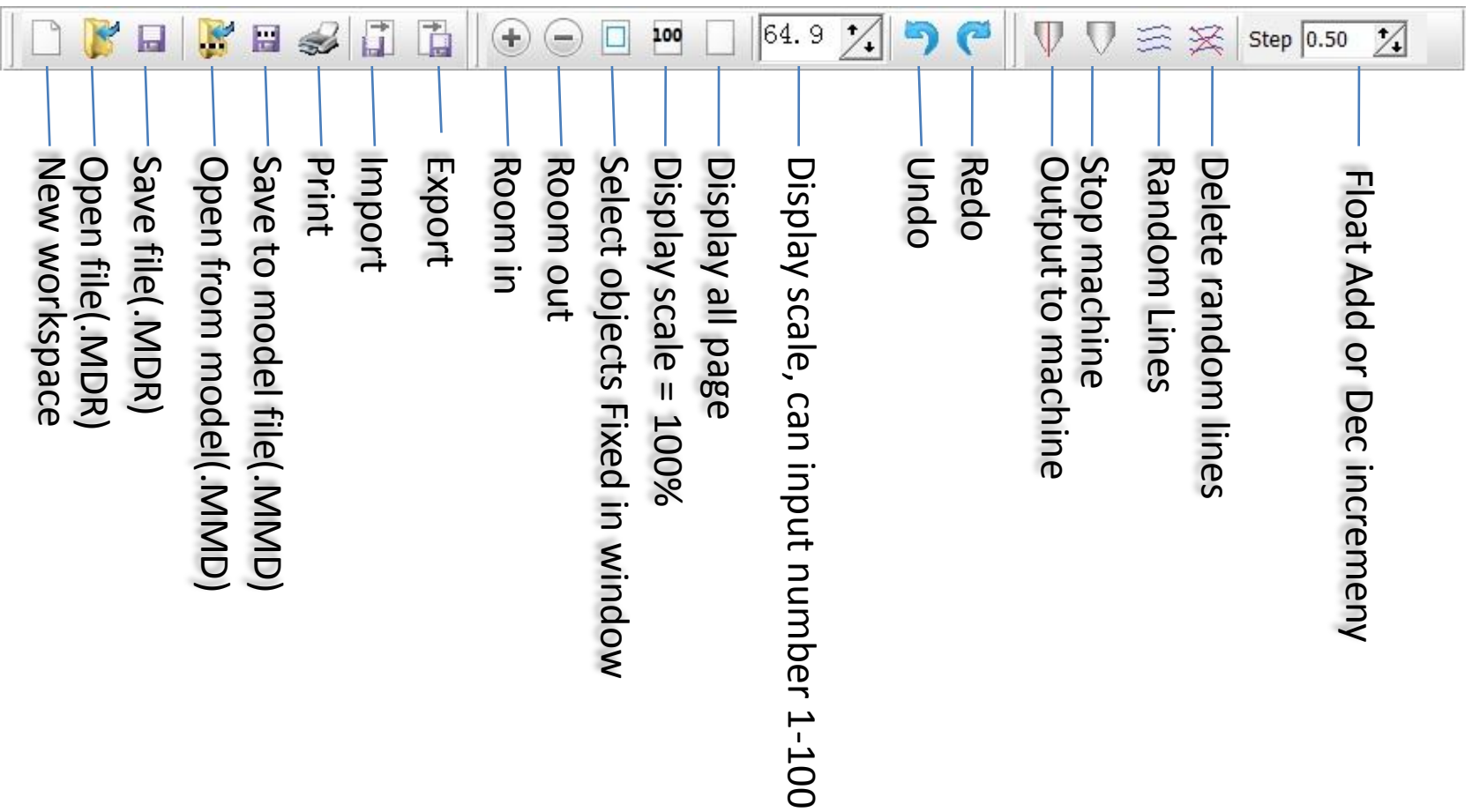
Main window



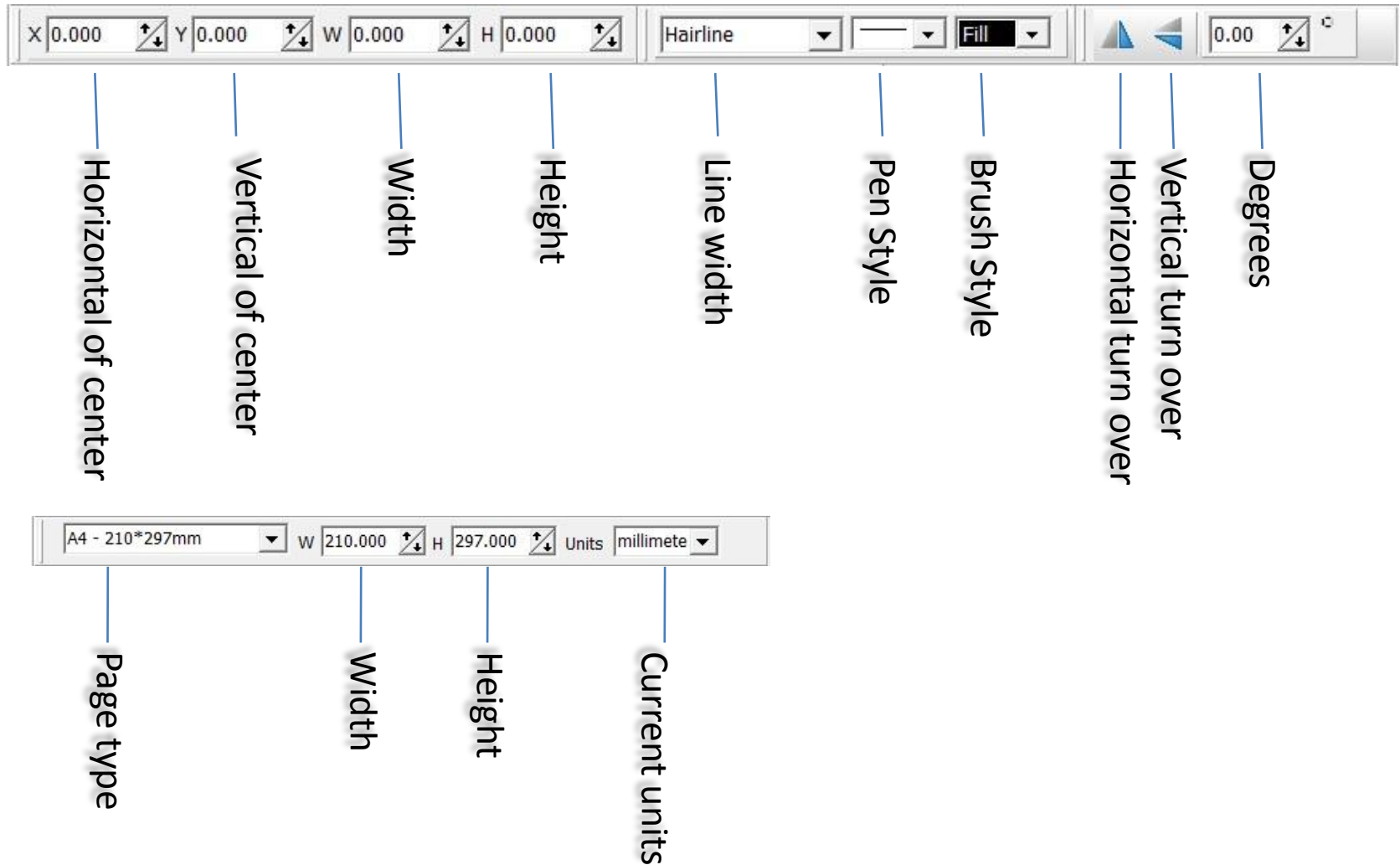
Function

- **Support a lot windows at same time**
- **Can output selected objects or current layer**
- **Object place to any layer, may create,lock,delete,edit.**
- **Automatic resize objects for custom size when output to machine. Don't need resize the objects.**

Tools

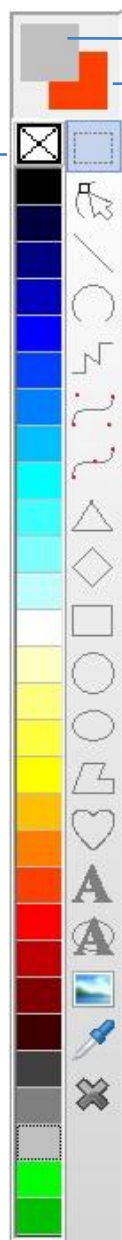


Select objects Tools



Set none
color, use
mouse's
right
button for
line color,
use
mouse's
left
button for
fill color

Color block

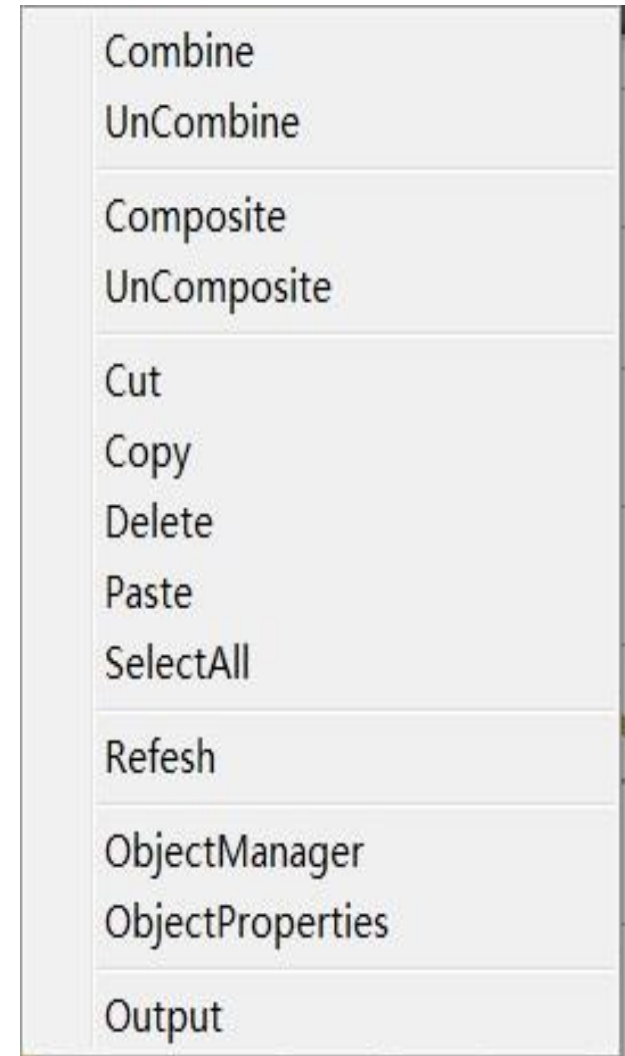


- Line color, use right button of mouse click color block
- Fill color, use left button of mouse click color block
- Select objects without edit
- Select objects and Resize
- Line
- ARC
- Polyline
- Bezier
- Spline
- Rhombus
- Rectangle
- Circle
- Ellipse
- Polygon
- Bezierto
- Text
- Ellipse text
- Add image
- Get color of page or object
- Clear all



Right button menu

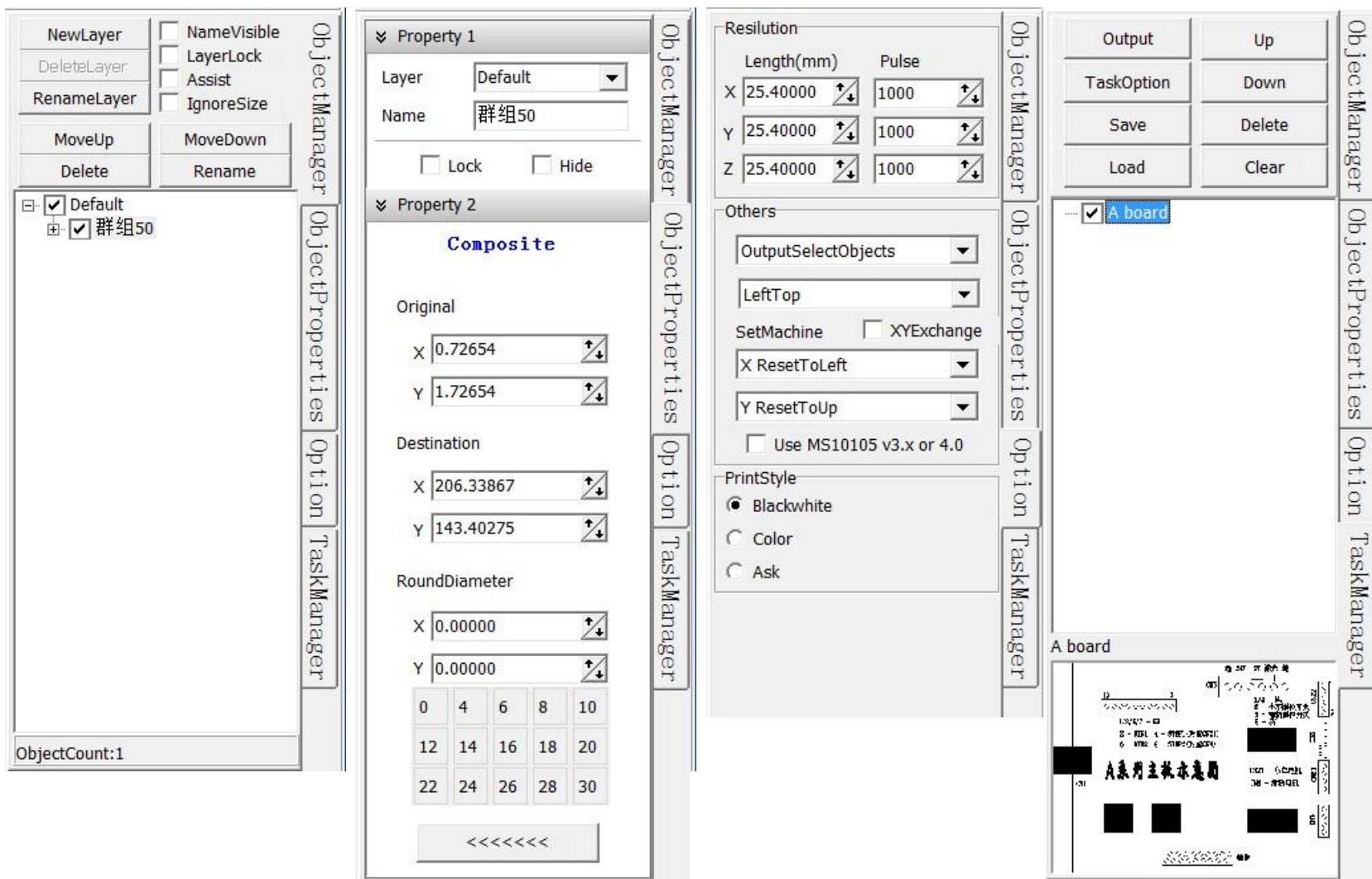
- Combine:create new object with selected objects,and delete selected object.
- Uncombreak polyline with new pointbine.
- Composite:put selecte objects to a 'Composite' object.
- UnComposite:put objects of 'Compisite' to page
- Cut,Copy,Delete,Paste,SelectAll,Refr
esh: normal operation
- Objectmanager:Brow objects
- ObjectProperties:display object's
properties at right of window.
- Output: Output selected object or
layer to machine.



Right button menu

- Create outline from image



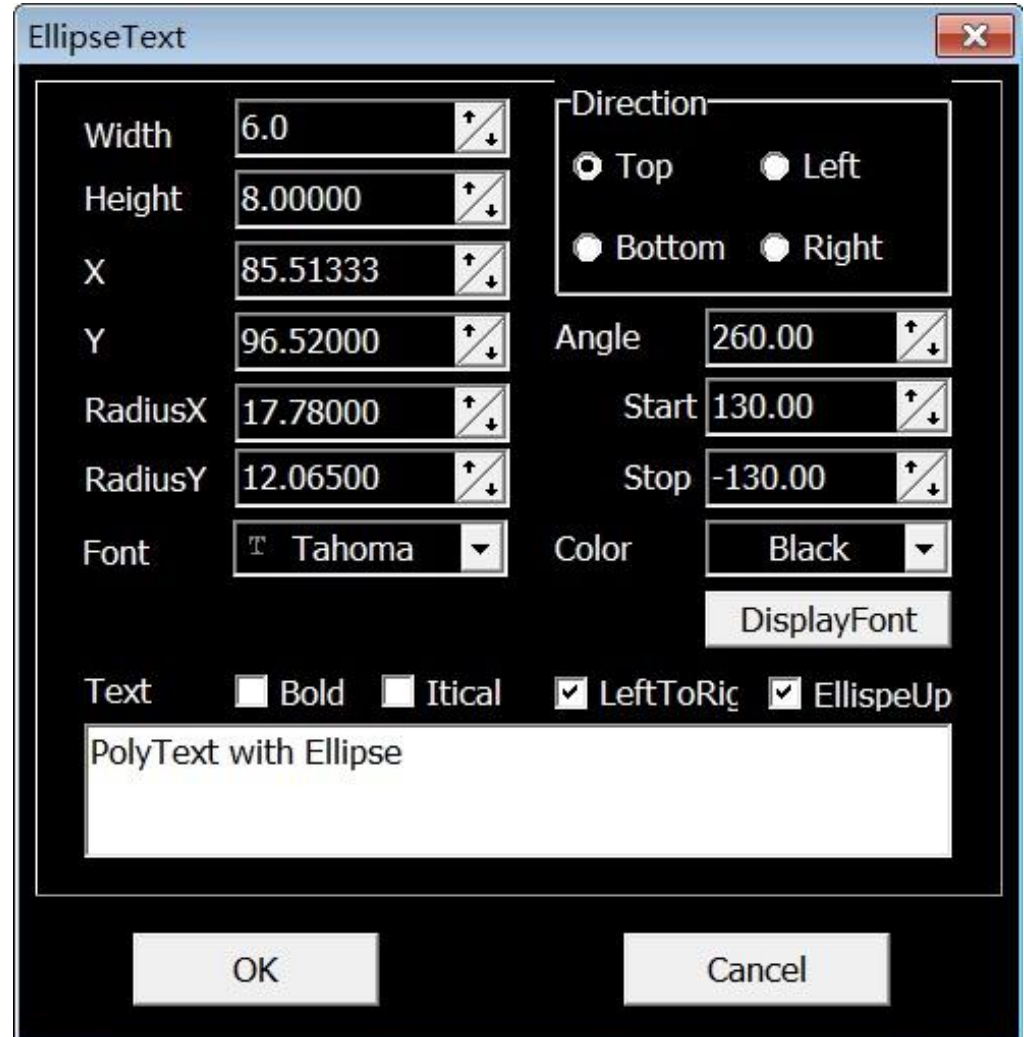


Align right label:ObjectManager,Properties,Option,Taskmanager

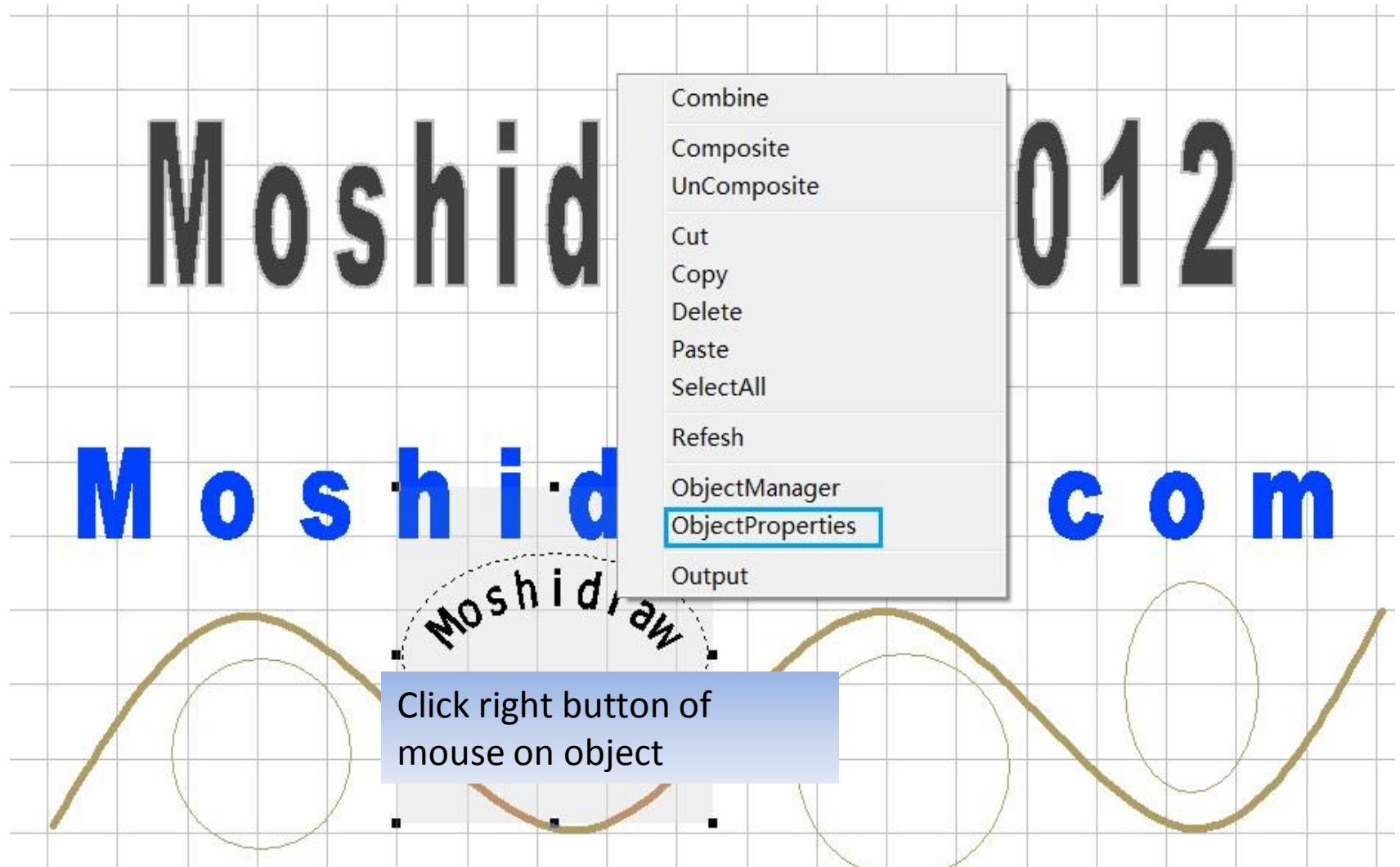
Ellipse text

Add Ellipse text

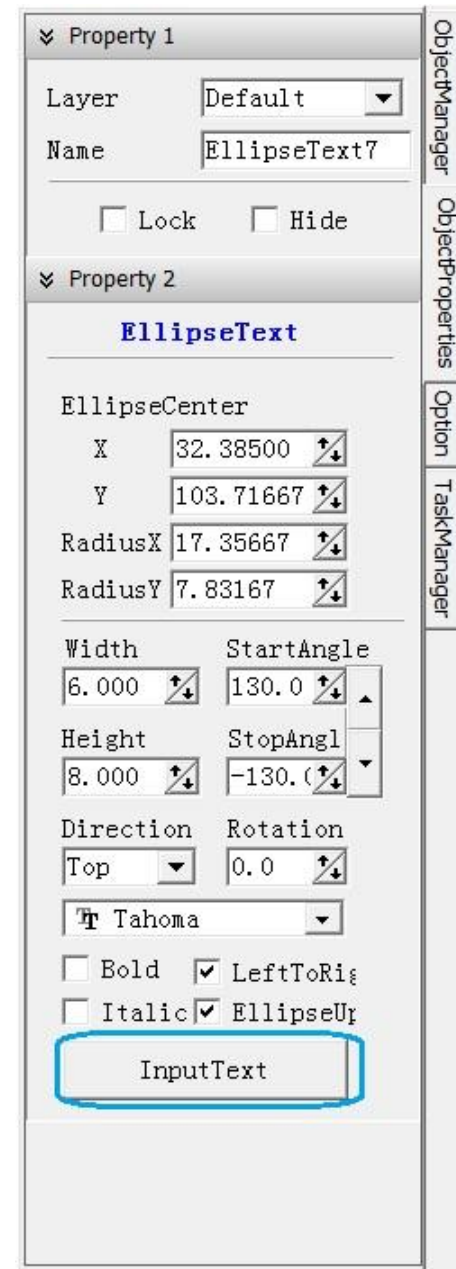
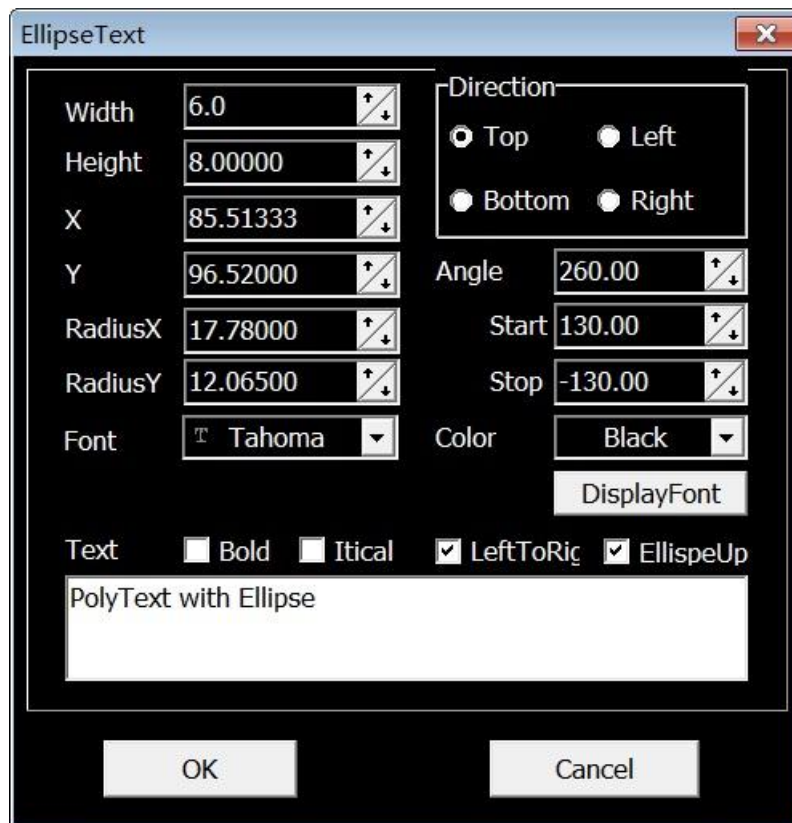
1. Click tool - 
2. Click left button of mouse in page
3. Move mouse
4. Custom size, click left button of mouse again



Ellipse text edit



Click button 'InputText' to edit text and all properties.
modify and click button 'OK'.



Fast star

- Option
- Add object
- Output
- Hot key(Mouse and keyboard)
- Support file type

Option

- Resilution: unit of machine
How many pulse in custom length
1 inch = 25.4mm
1000DPI= 1000 pulse/ 1 inch

PintStyle

BlackWhite

Color

Ask when print object

	Length(mm)	Pulse
X	25.40000	1000
Y	25.40000	1000
Z	25.40000	1000

Others

OutputSelectObjects: LeftTop

SetMachine: ☐ XYExchange

X ResetToLeft: [Dropdown]

Y ResetToUp: [Dropdown]

☐ Use MS10105 v3.x or 4.0

PrintStyle

☒ Blackwhite

☐ Color

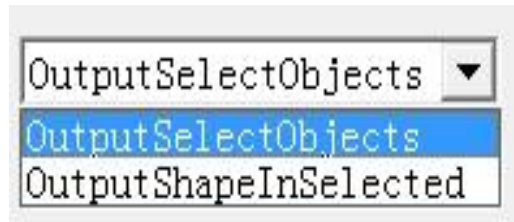
☐ Ask

Option

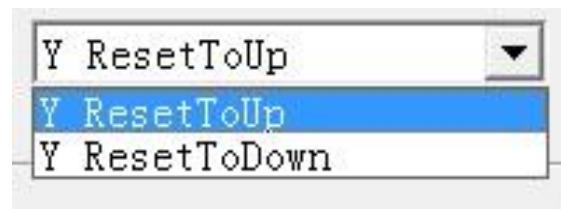
Set output default

OutputselectObject: Output selected objects to machine only.

OutputShapeInSelected: Output to machine in shap with selected objects.



Set the machine's default option when reset

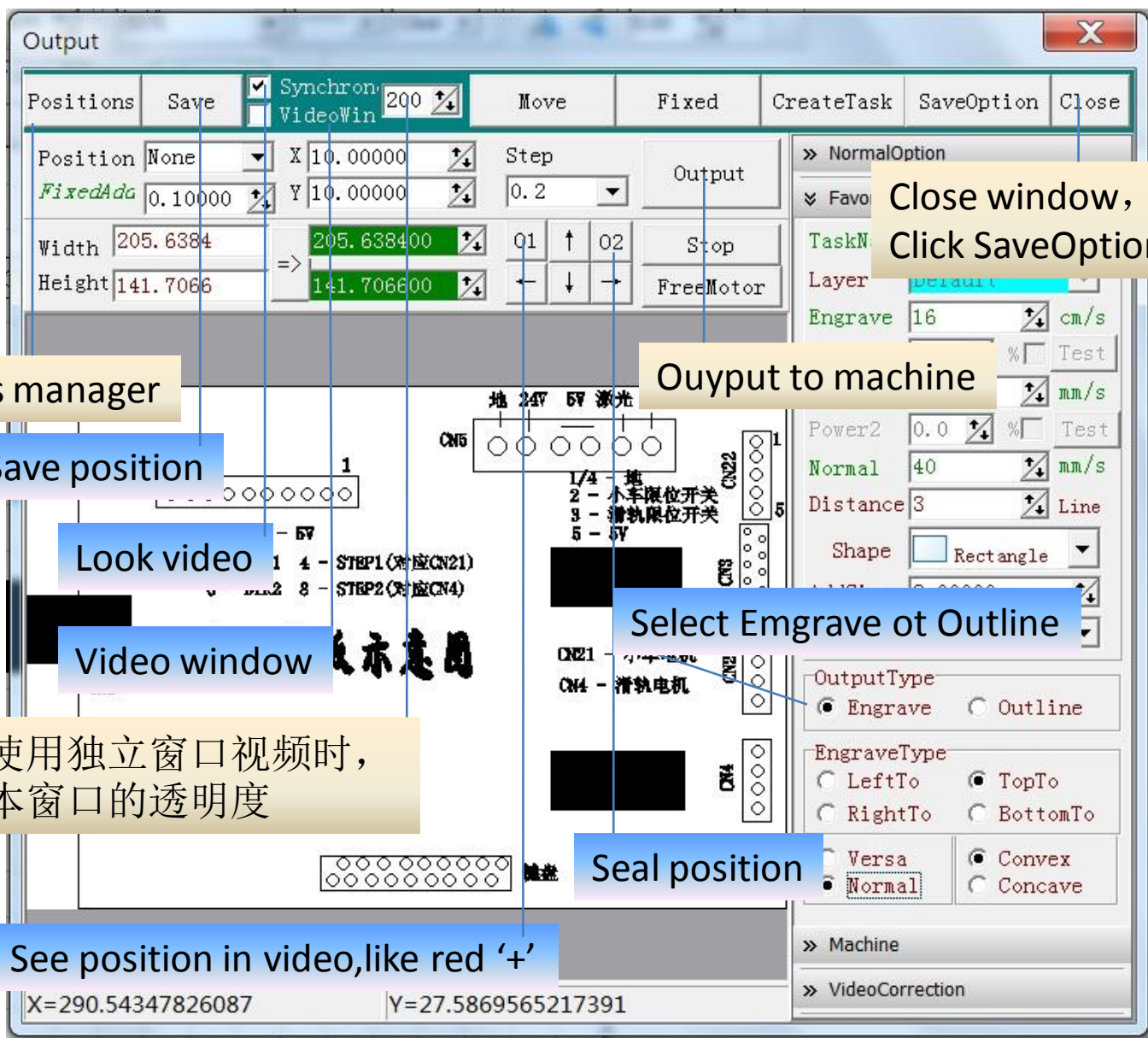


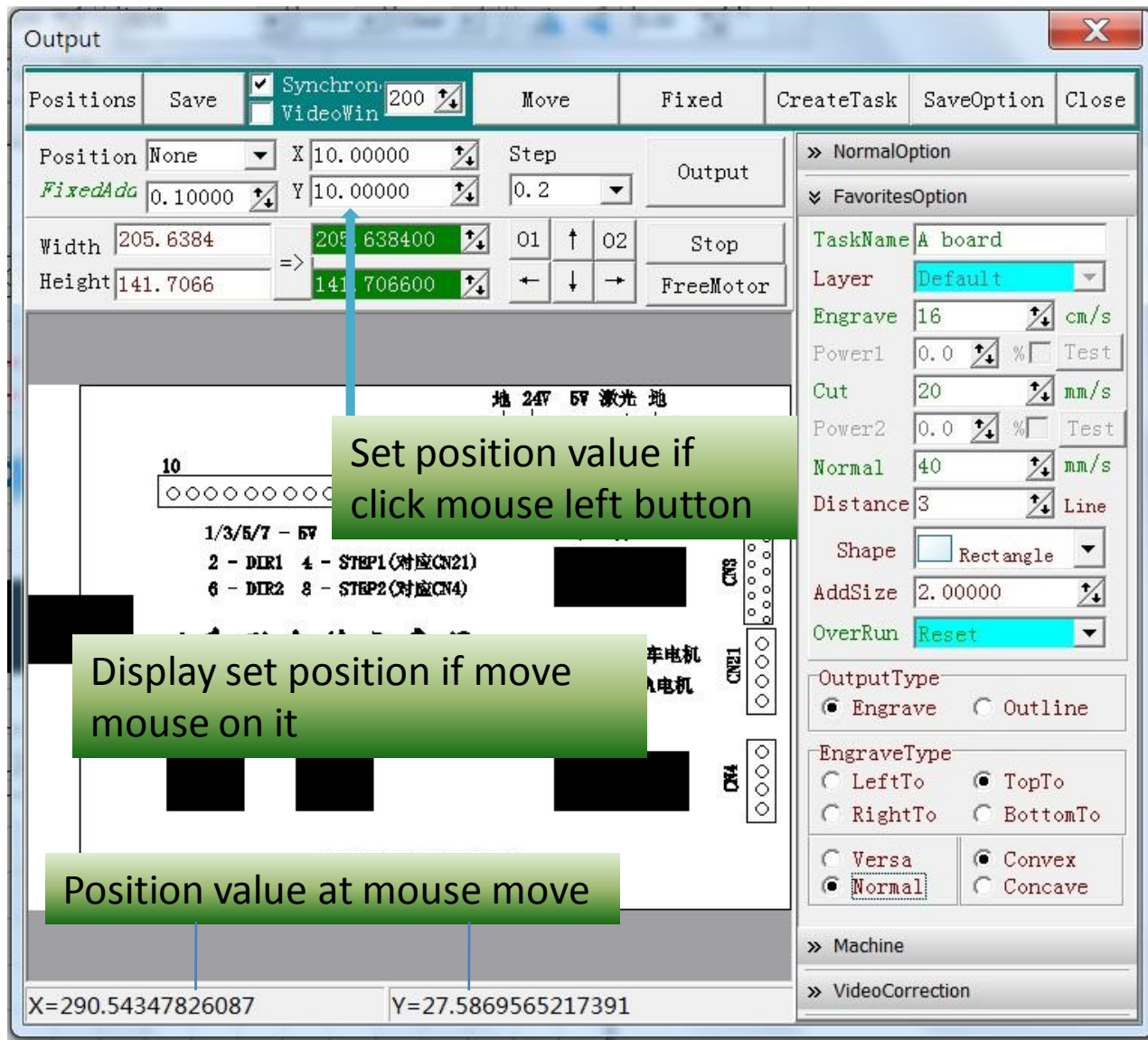
Add object

- Click tool button at window left
- Move mouse to page
- Click left button of mouse
- Move mouse to resize
- Click left button of mouse if it is custom size
Click right button of mouse to finally if draw Polyline, Polygon, Bezier, Spline
- Add 'Assist line', Click down left button of mouse on the ruler,
drop to page, up button of mouse.
'Assist line' is display only.

Output

- Select objects, use page when not selected object
- Click button 
- Display output window





TaskName: edit it if create task
Layer: objects on layer
Engrave: engrave speed(cm/s)
Power1: Laser power when engrave
Cut: cut speed(mm/s)
Power2: Laser power when cut
Distance: space size when engrave
Shape: shape of engrave
Addsize: add size with shape of engrave
OverRun: todo work when running over

OutputType

Engrave

Outline = Cut

FavoritesOption

TaskName
 A board

Layer
 Default

Engrave
 16
 cm/s

Power1
 0.0
 %
 Test

Cut
 20
 mm/s

Power2
 0.0
 %
 Test

Normal
 40
 mm/s

Distance
 3
 Line

Shape
 Rectangle

AddSize
 2.00000

OverRun
 Reset

OutputType
 ☒ Engrave
 ☐ Outline

EngraveType
 ☐ LeftTo
 ☒ TopTo
 ☐ RightTo
 ☐ BottomTo

☒ Versa
 ☐ Convex
 ☐ Normal
 ☒ Concave

Hot key(Mouse and keyboard)

- Mouse operation in editing

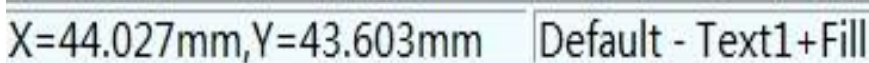
1.Scroll page up/down: wheel up or down

2.Scroll page left/right: Ctrl + wheel up or down

Note: button on wheel exchange 1 and 2

3.Room in/out: Alt + wheel up or down

Need click Enter when input number in scale edit

4.Display object's name in status  X=44.027mm,Y=43.603mm Default - Text1+Fill

5.Select more object: Shift + left button of mouse

6.Select a object in composite: Ctrl + left button of mouse

7.Select rectangle: Click down left button , drop , up left button; select the objects in rectangle.

- Ctrl + N : New page
- Ctrl + O : Open file
- Ctrl + S : Save to file
- Ctrl + I : Import file
- Ctrl + E : Export to file
- Ctrl + P : Print
- Ctrl + Q : Exit
- Ctrl + Z : Undo
- Ctrl + Shift + Z : Redo
- Ctrl + X : Cut
- Ctrl + C : Copy
- Ctrl + V : Paste
- Delete objects: select object, use key 'Delete' in keyboard
- Ctrl + A : Select all objects in current layer

Support file type

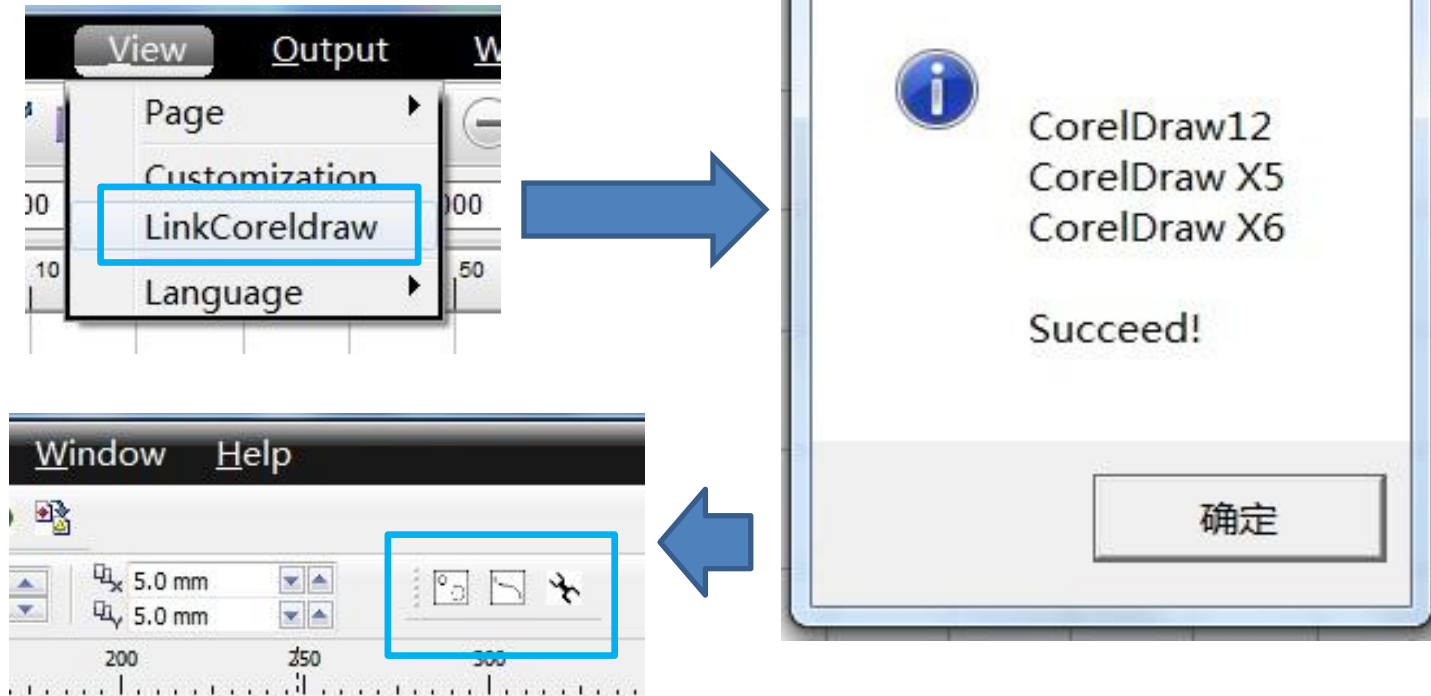
- MDR - Moshidraw 2012 file
- MMD – Moshidrfaw 2012 model file
- AI - Adobe Illustrator 8 (lines)
- DXF - AUTOCAD R12/R13/R14(lines)
- PLT - HPGL Plotter(2D)
- BMP - Windows Bitmap
- JPG - JPEG Bitmap
- EMF - Enhanced windows Metafile
- WMF - Windows Metafile

Advanced use

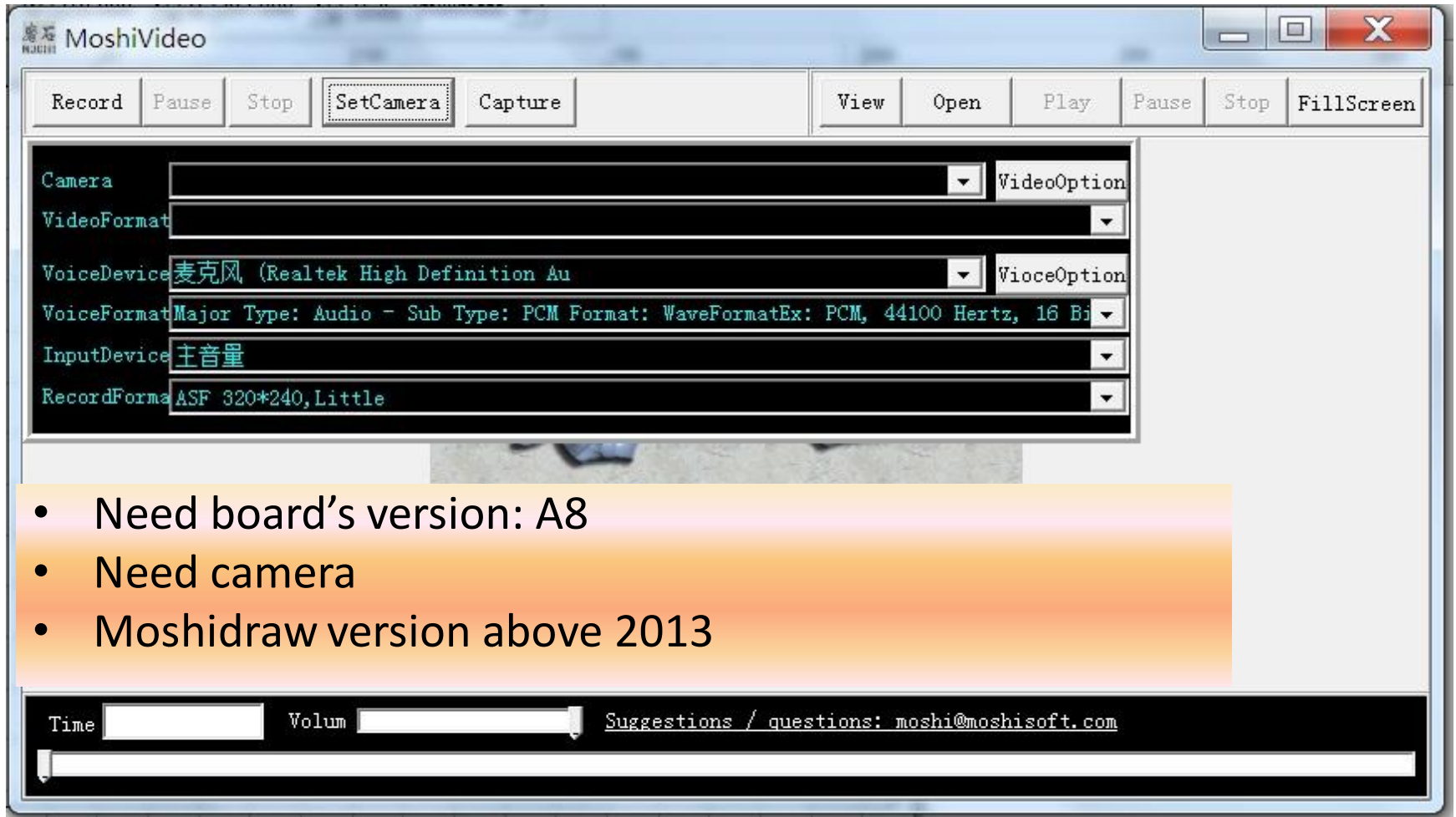
- www.moshidraw.com
- www.moshilaser.com
- www.moshisoft.com
- moshi@moshisoft.com
- laser@moshisoft.com

Insert program to Coreldraw

- LinkCoreldraw



VideoPosition



- Need board's version: A8
- Need camera
- Moshidraw version above 2013

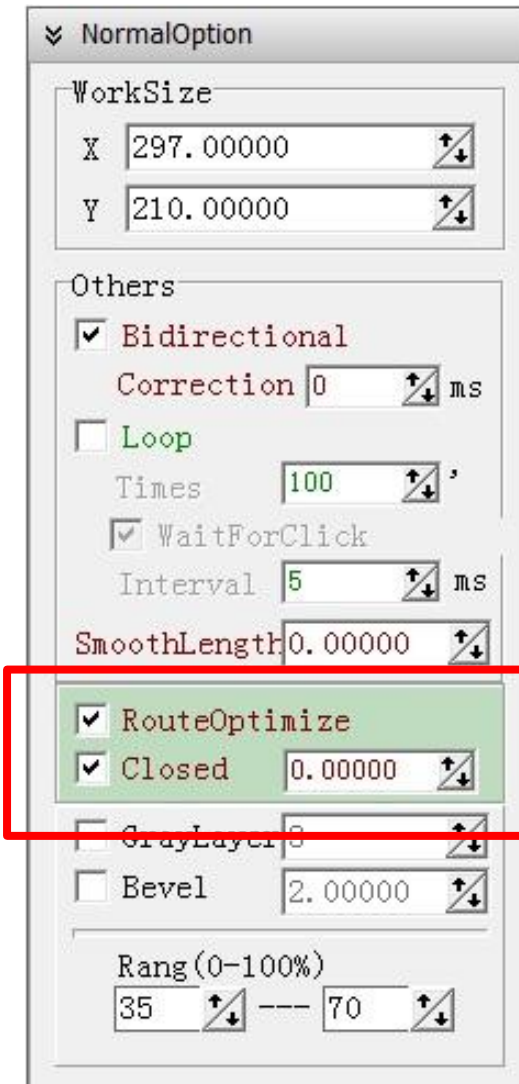
Vertex adsorption

- Current vertex use near vertex's position when paint new shape.
- Its use same position when nearly

AutoClosed

Repeat length x when cut, if the lines is closed.

RouteOptimize: Lines From the inside out



The image shows a software dialog box titled "NormalOption". It contains several sections: "WorkSize" with X and Y coordinates (297.00000 and 210.00000); "Others" with checkboxes for "Bidirectional", "Loop", and "WaitForClick", and associated numerical values for "Correction", "Times", and "Interval"; "SmoothLength" with a value of 0.00000; and a section highlighted with a red rectangle containing "RouteOptimize" (checked) and "Closed" (checked) with a value of 0.00000. Below this are "GrayLayer" and "Bevel" options, and a "Rang(0-100%)" section with values 35 and 70.

NormalOption

WorkSize

X 297.00000

Y 210.00000

Others

☒ Bidirectional

Correction 0 ms

☐ Loop

Times 100

☒ WaitForClick

Interval 5 ms

SmoothLength 0.00000

☒ RouteOptimize

☒ Closed 0.00000

☐ GrayLayer 0

☐ Bevel 2.00000

Rang(0-100%)

35 --- 70

USB signal reconnect

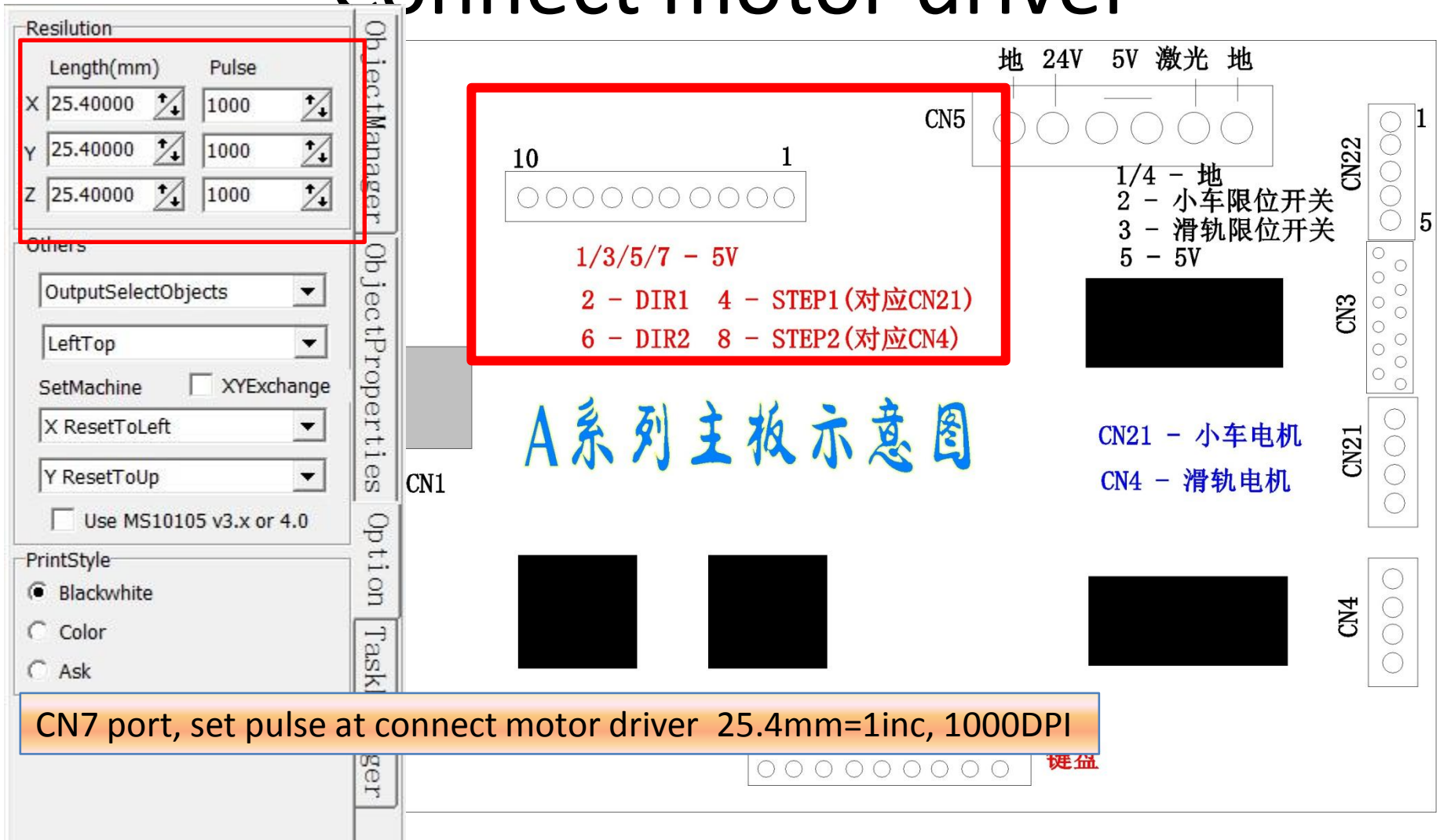
- USE A boards:

The function can use on A boards

Moshidraw version above 2013

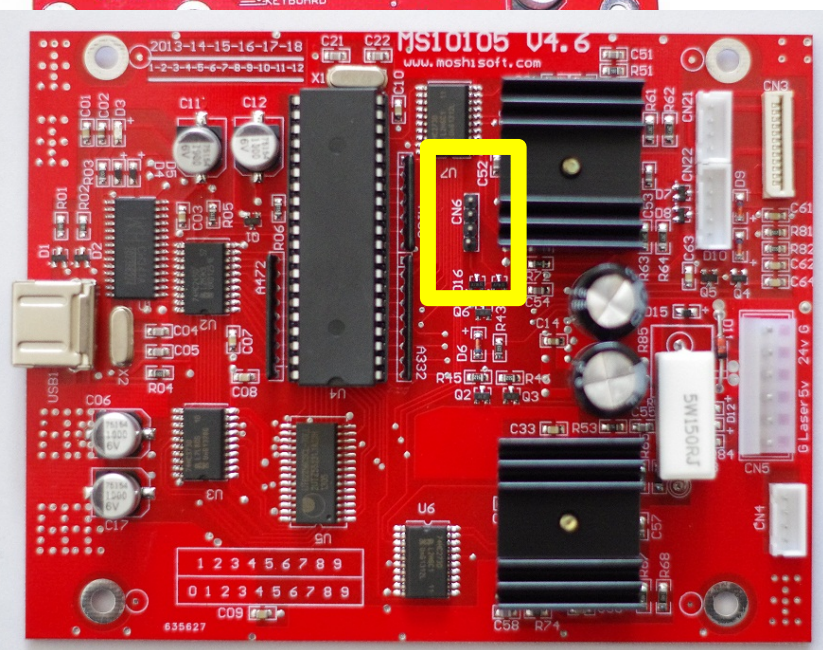
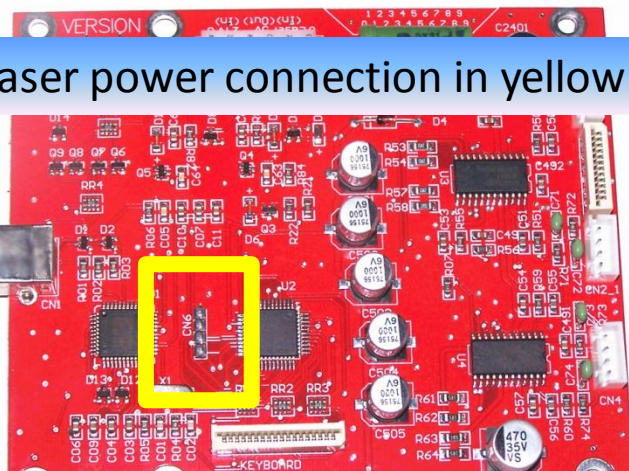
- The usb port is rectangle.

Connect motor driver



Laser power

Laser power connection in yellow lines.



常用参数

任务名称: None

图层名称: Default

雕刻速度: 16 cm/s

扫描功率: 0.0 % 测试

切割速度: 20 mm/s

切割功率: 0.0 % 测试

空行速度: 40 mm/s

扫描间隔: 3 行/列

定位框: 矩形

增加外框: 2.00000

雕刻完成: 回原点

输出方式

☒ 雕刻扫描 ☐ 切割输出

雕刻方式

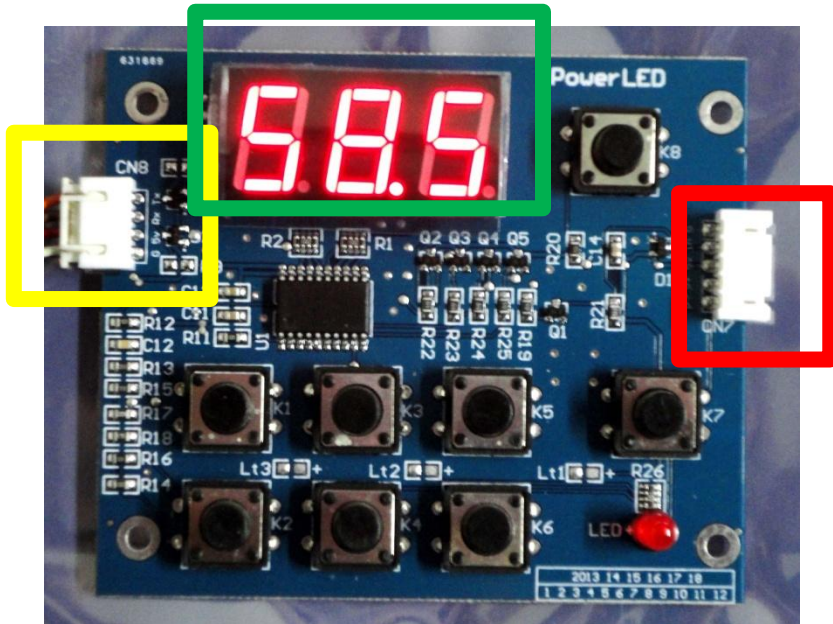
☐ 垂直左起 ☒ 水平上起

☐ 垂直右起 ☐ 水平下起

☒ 反字 ☐ 文字凹下

☐ 正字 ☒ 文字凸出

PowerLED



- Connect to board in yellow lines
- Connect to laser power in red lines
- Display value(0-100%) in green lines

