

TGP application creation

Install VisualTFT

VisualTFT download page (Chinese): <https://www.gz-dc.com/category/typeid/8>

VisualTFT installation: [visualtft_3.0.0.1249.rar](#)

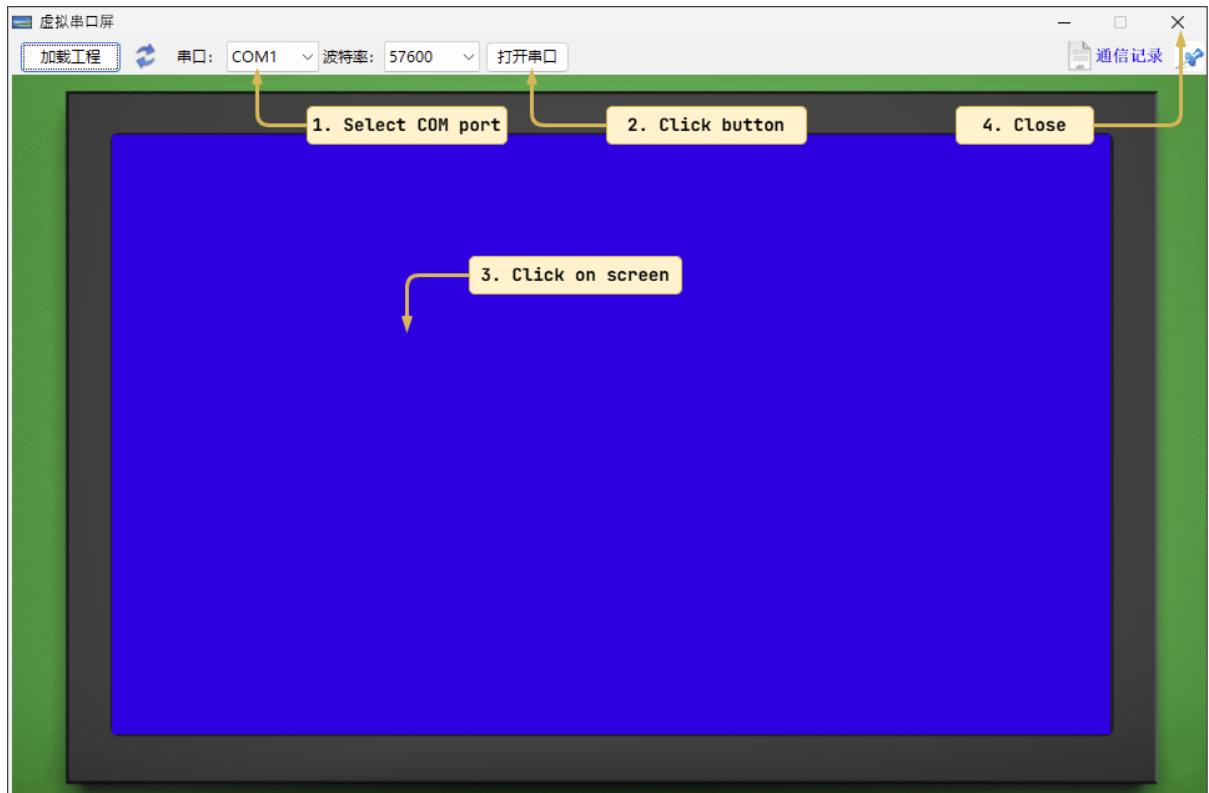
- Download,
- Unzip (Unrar)
- Install

Prepare TGP application

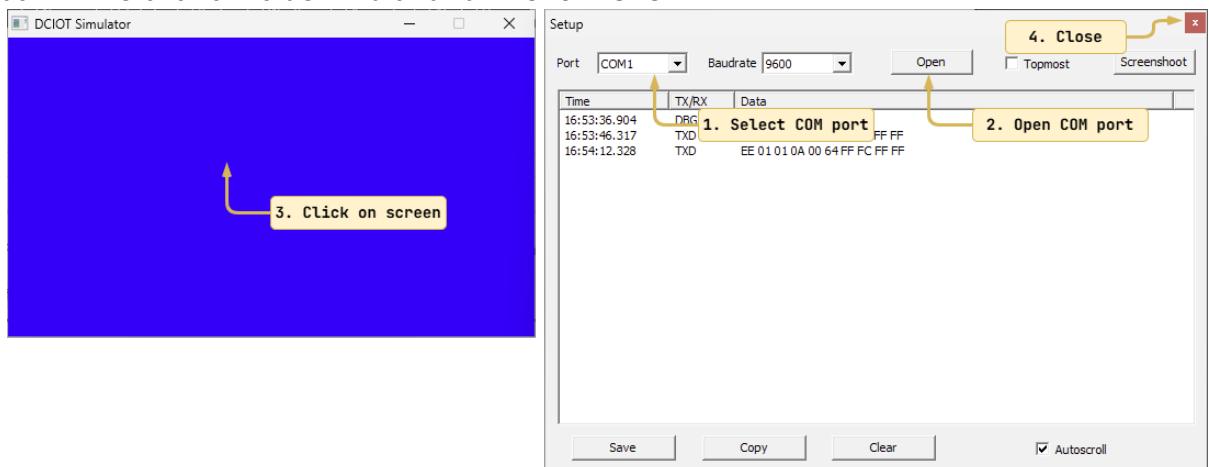
- Download and unzip TGP template: [tgp_template.zip](#)
- In VisualTFT open # tgp_project.tftprj
- prepare screens and graphical elements
- edit main.lua to process communication between TGP and CyBro

Testing TGP

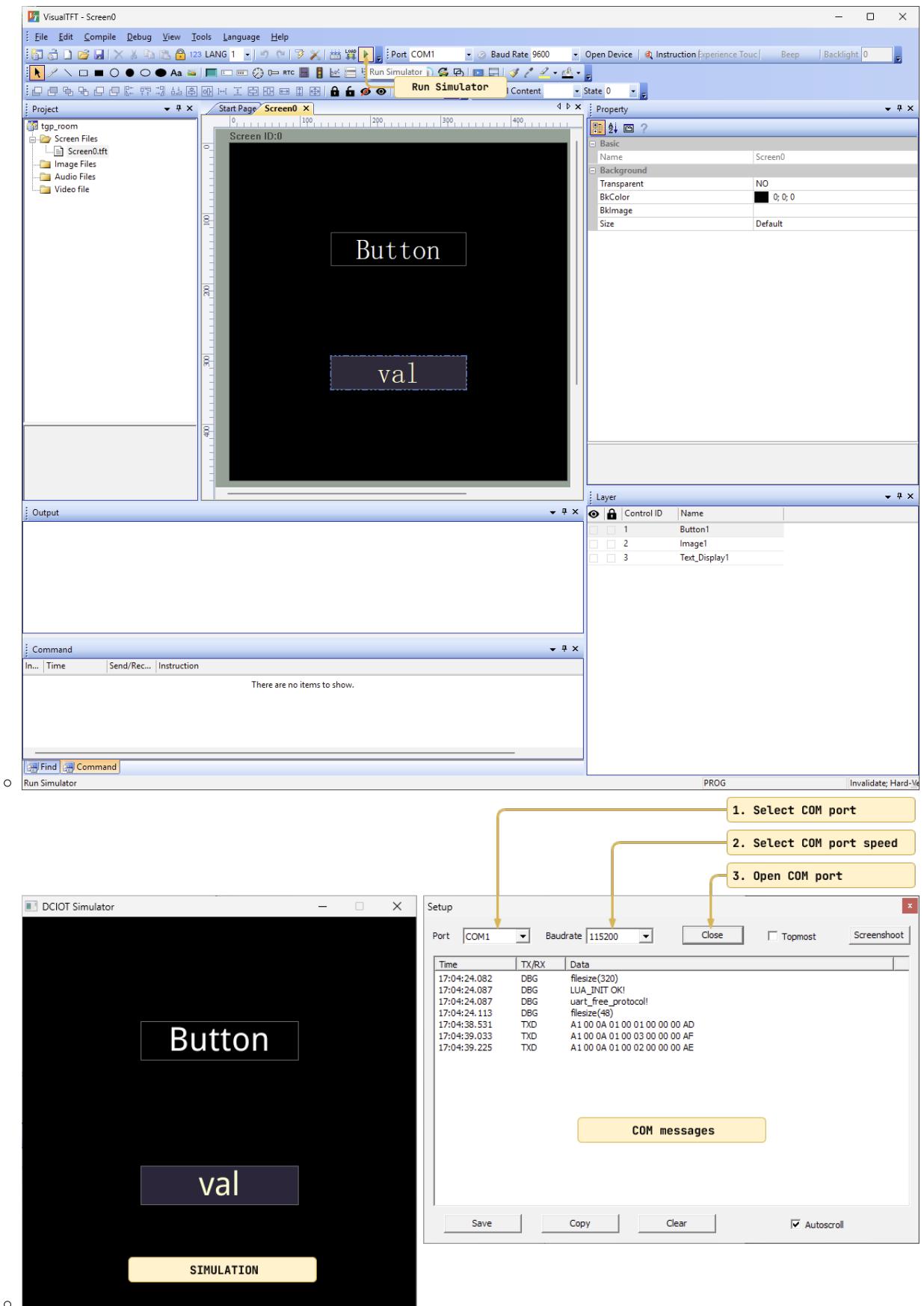
- Connect CR-D1 A and B to USB to COM adapter
- In VisualTFT installation folder find and run TFTSimulator.exe



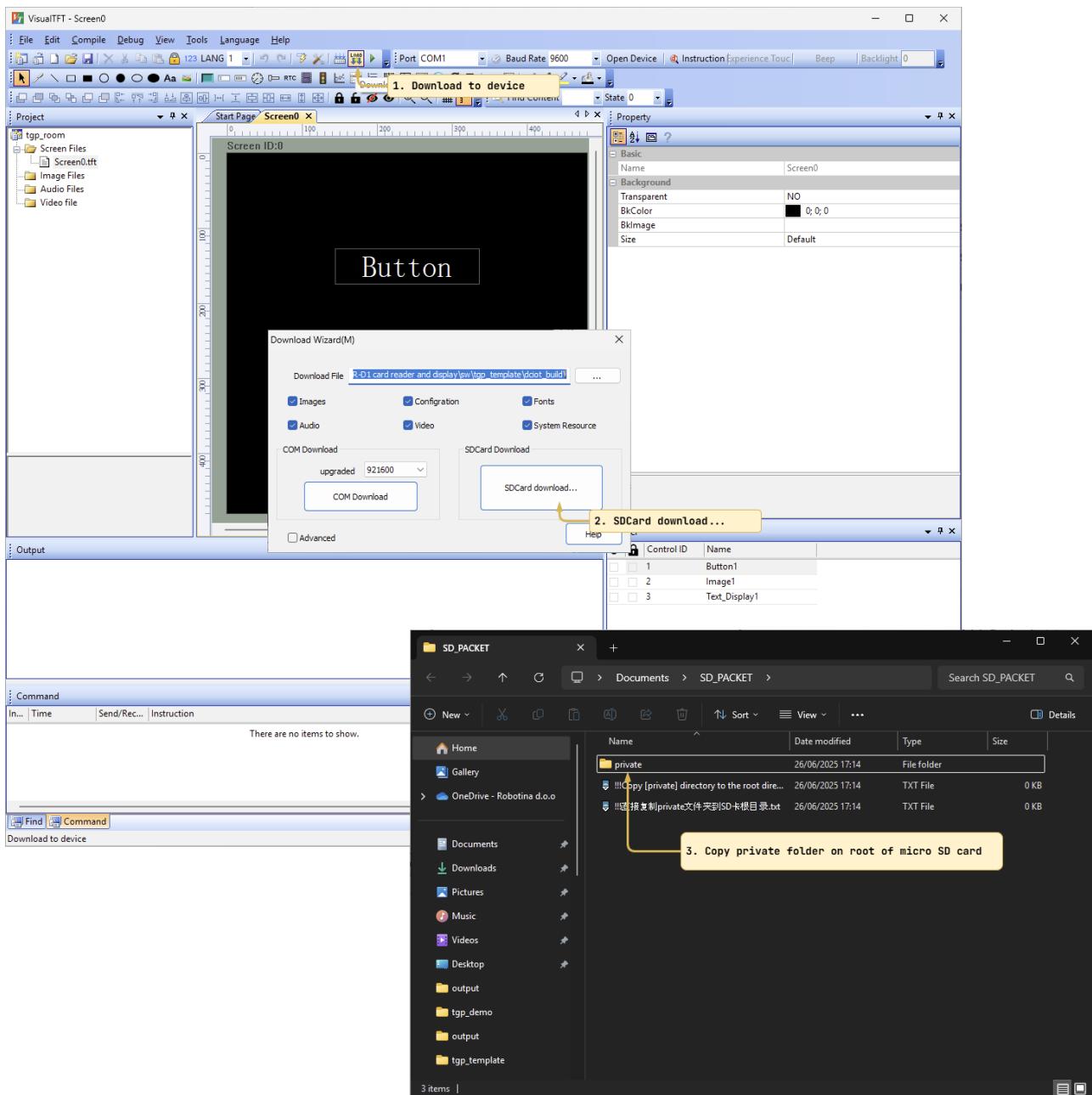
- In VisualTFT installation folder find and run DCIOT.exe



- Run simulator



Transferring application to TGP



- Insert micro SD card into slot at bottom of TGP (SD card contacts versus front of display)
- Reset TGP with pin (pinhole on bottom right side)