

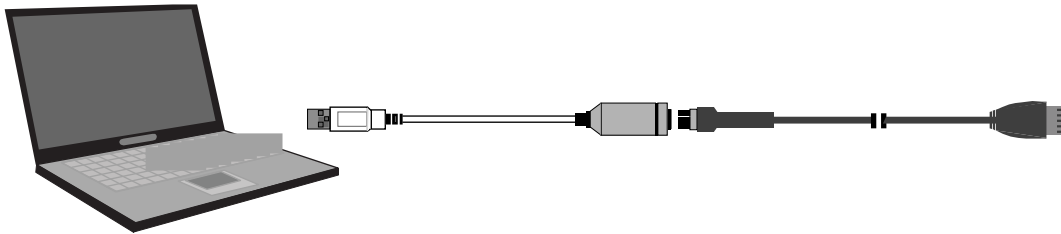
HOW TO DOWNLOAD A PROGRAM

Updated: 11/02/2022

- 1- Things needed to download the program to the controller
 - Laptop
 - USB-L communication cable
 - Clipping file
 - Instruction manual

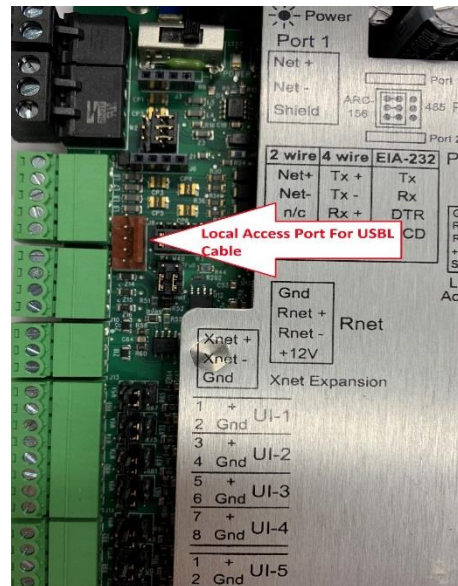
- 2- Laptop Minimum Requirements
 - Dual-core processor
 - 4 GB RAM
 - 30 Gigabyte hard drive
 - Communications link of 10 Mbps or higher
 - 32 or 64-bit operating system

- 3- USB-L
 - Order USB-L from Roberts Gordon
 - Latest driver version at Roberts Gordon Rep Portal
<http://www.silabs.com/products/mcu/Pages/USBtoUARTBridgeVCPDrivers.aspx>.



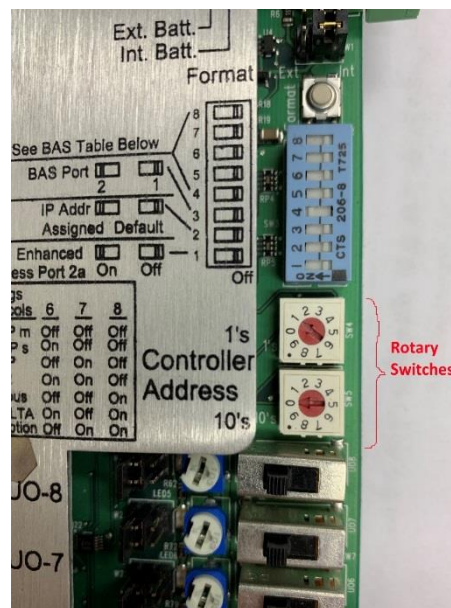
- 4- Clipping file
 - Upload clipping file from Roberts Gordon Rep Portal
www.robertsgordon.com/Rep_Portal/Tools/OEM_Ctrl/RG_PRODUCTION_REV_2_3

- 5- Installation
 - Connect the USB link cable to the computer USB port
 - Connect the USB link cable to the controller's local access port



6- Step 6

- Disconnect the controller from the network
- Set MAC address to 1 by setting rotary switches
- Set the top rotary switch for the 1's place
- Leave the bottom rotary switch at 0



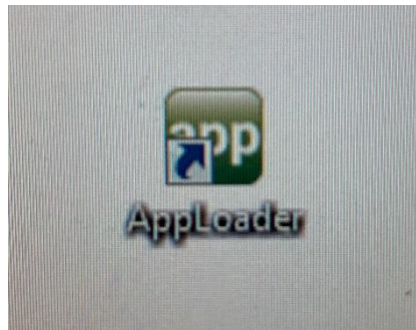
7- Upload Controller Clipping File

- Go to computer C:\ drive for aploader folder
- Copy and paste the clipping file into the folder

www.robertsgordon.com/Rep Portal/Tools/OEM Ctrl/RG PRODUCTION REV 2 3

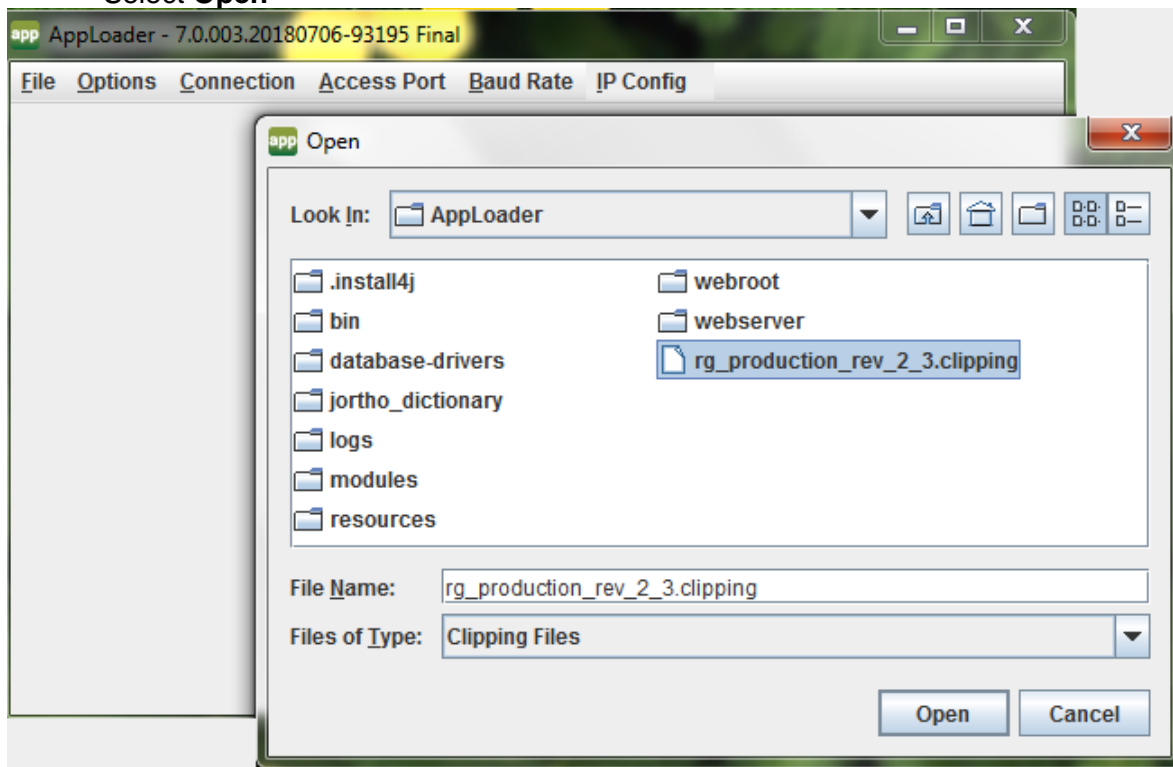


8- Launch Apploader



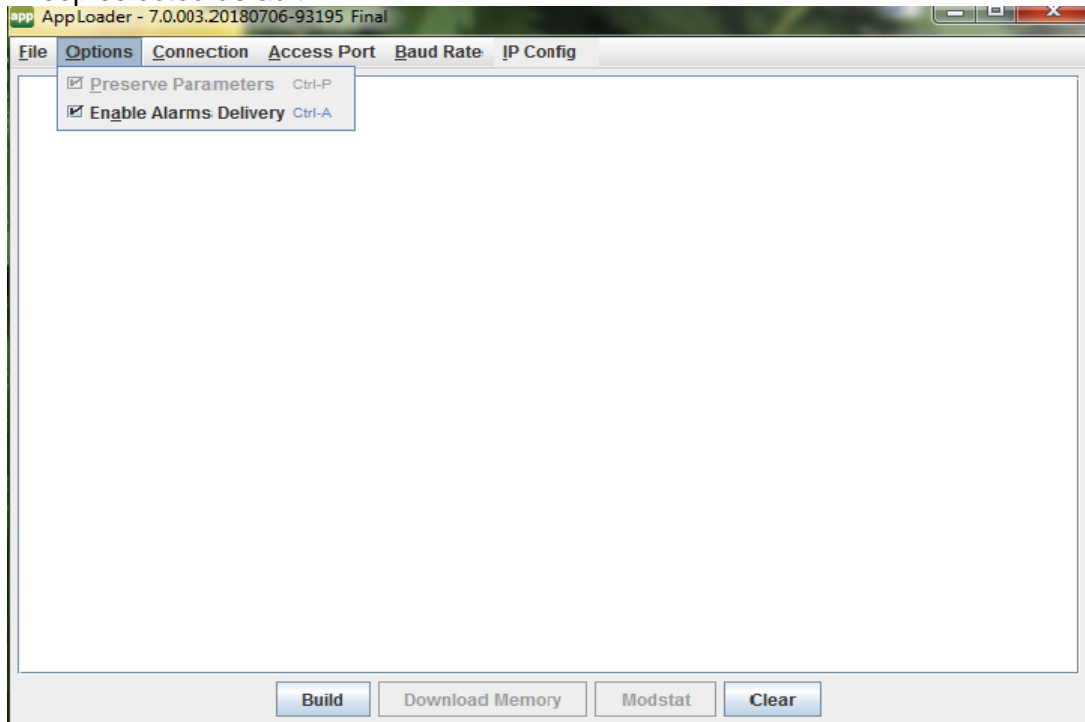
9- Select File

- Choose RG clipping file
- Select **Open**



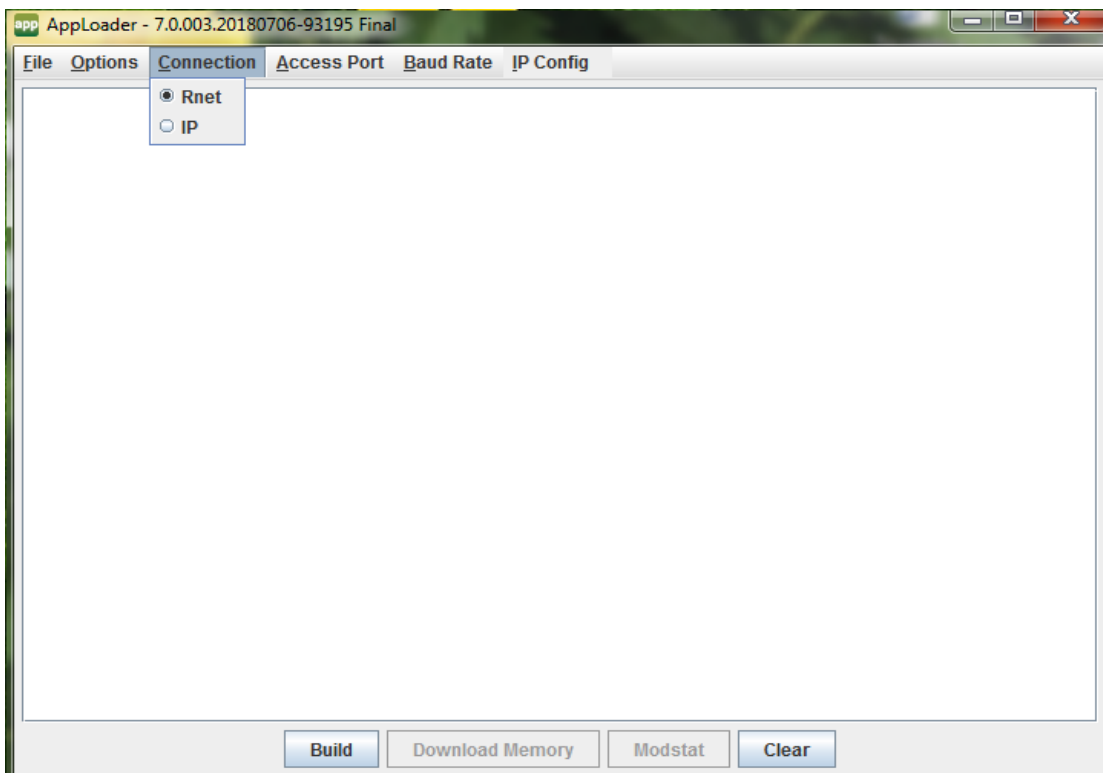
10- Select **Options** tab

- Keep selected default



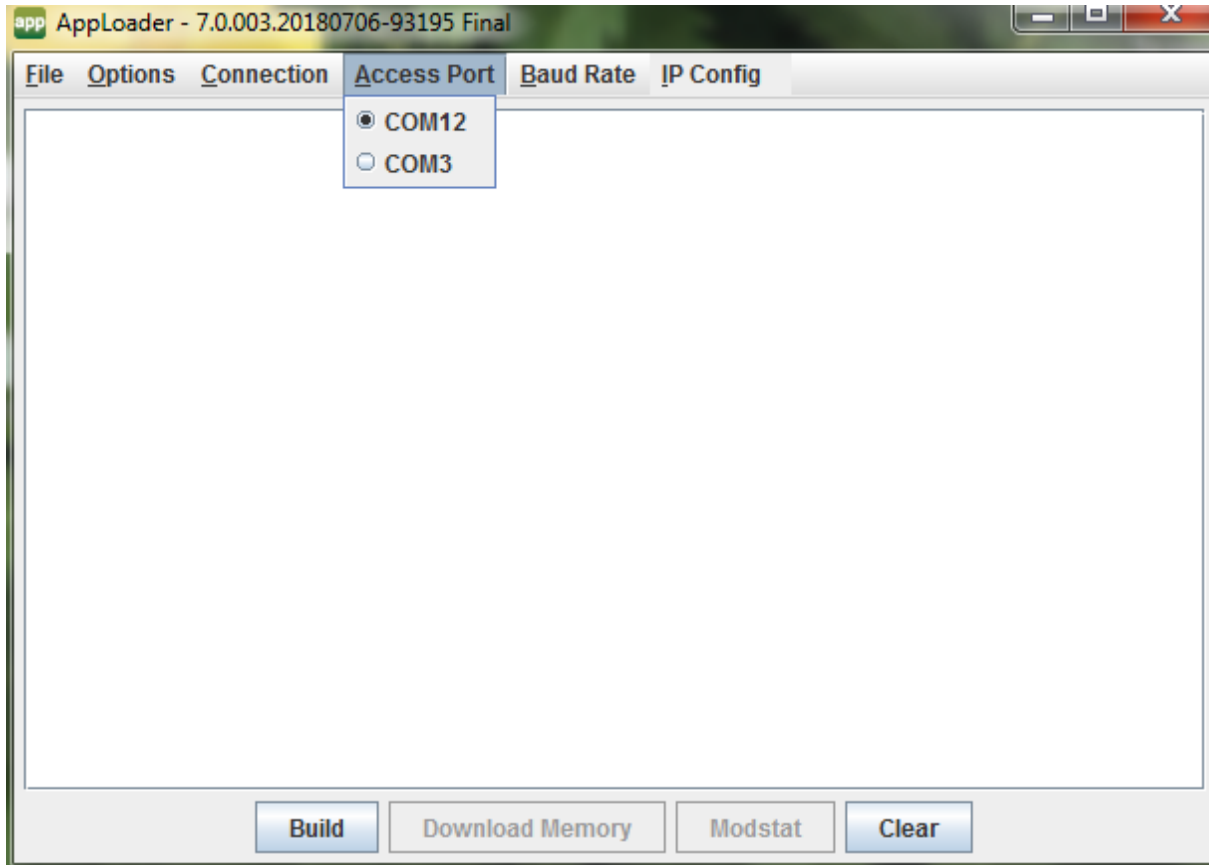
11- Select **Connection** tab

- Select Rnet

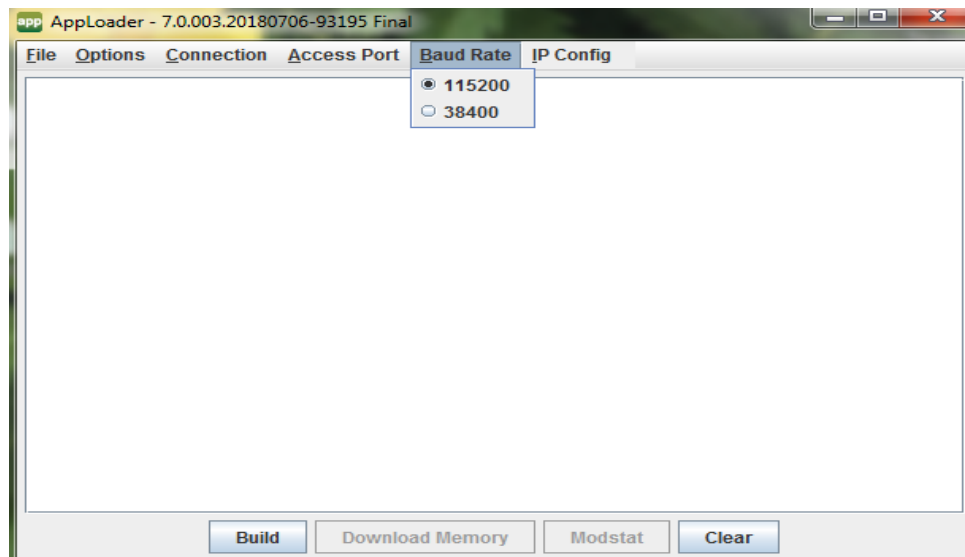


12- Select **Access Port** tab

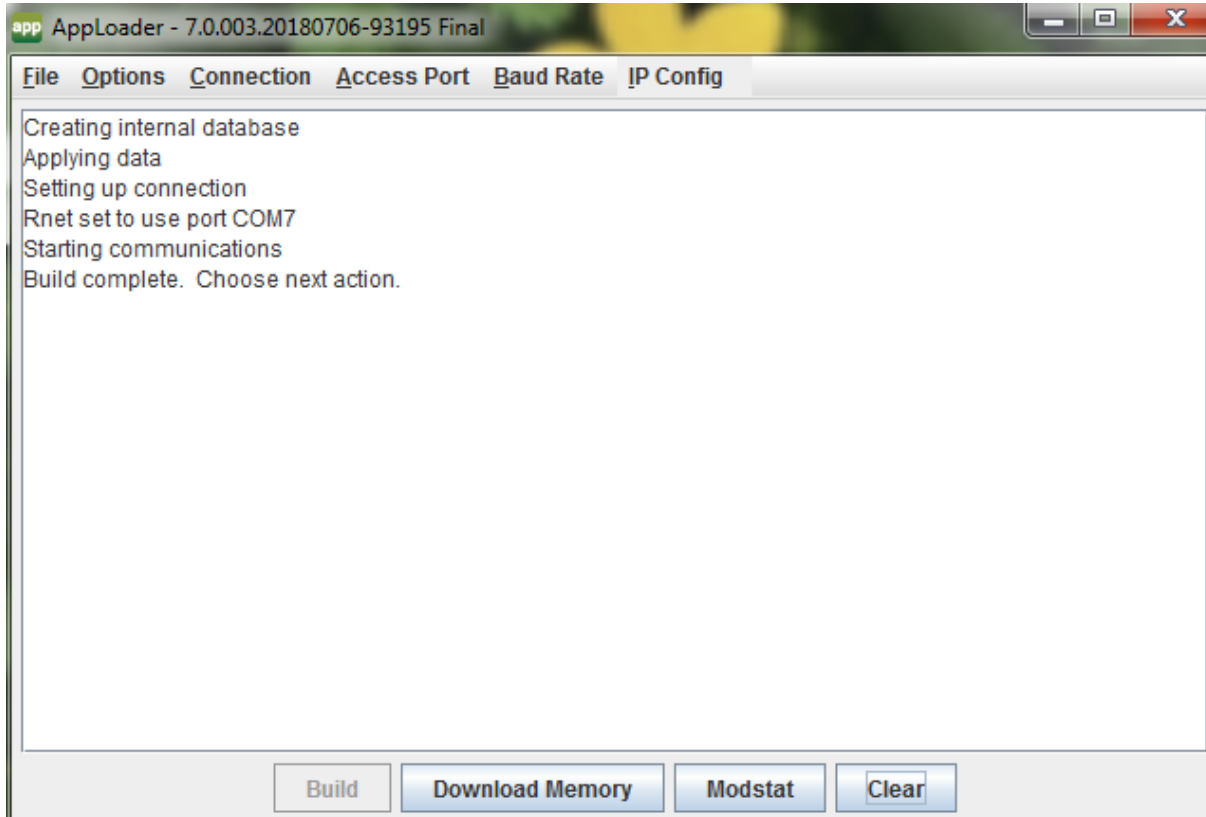
- Select the right USB port based on your laptop
 - Find USB port number on your laptop
 - Control Panel
 - Device Manager
 - P Port (Com & Lpt)
 - Select "Silicon Labs" port number



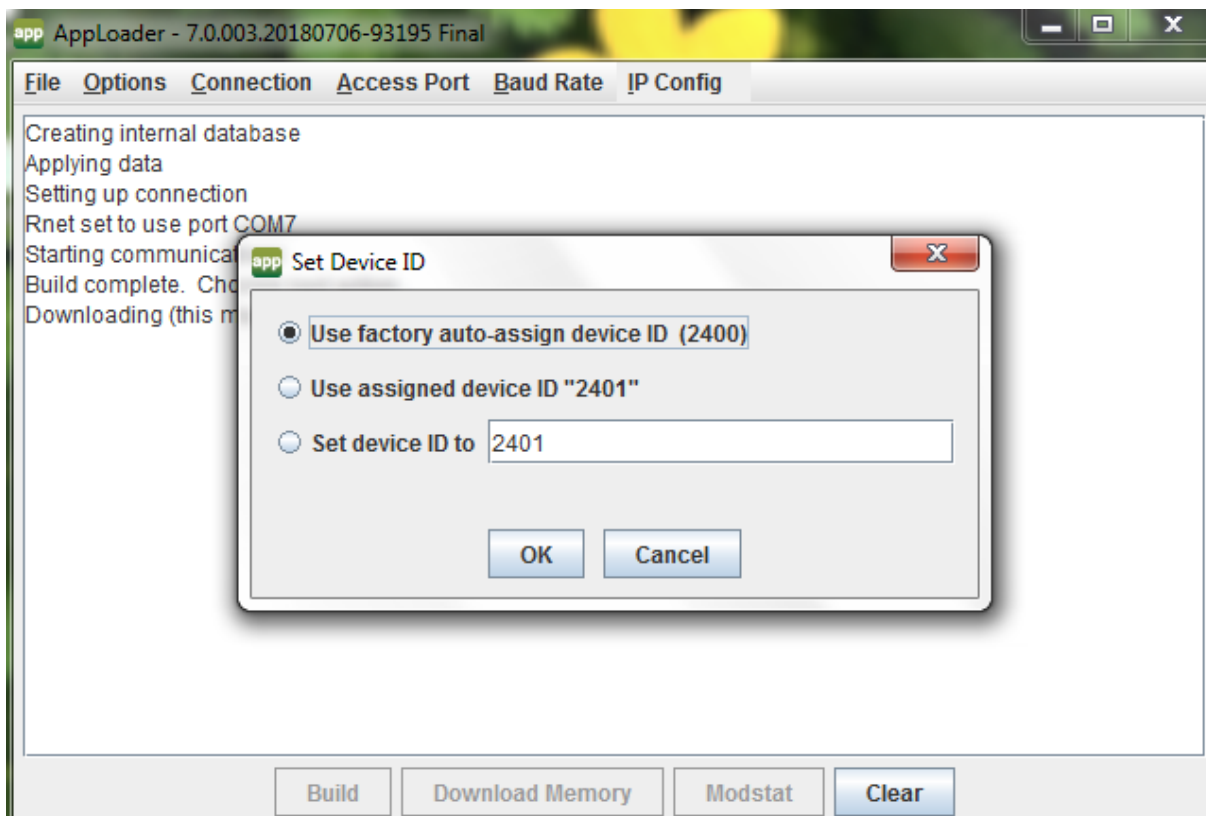
13- Select Baud Rate tab Select **115200**



- 14- Select **Build** tab
- Select **Download Memory**
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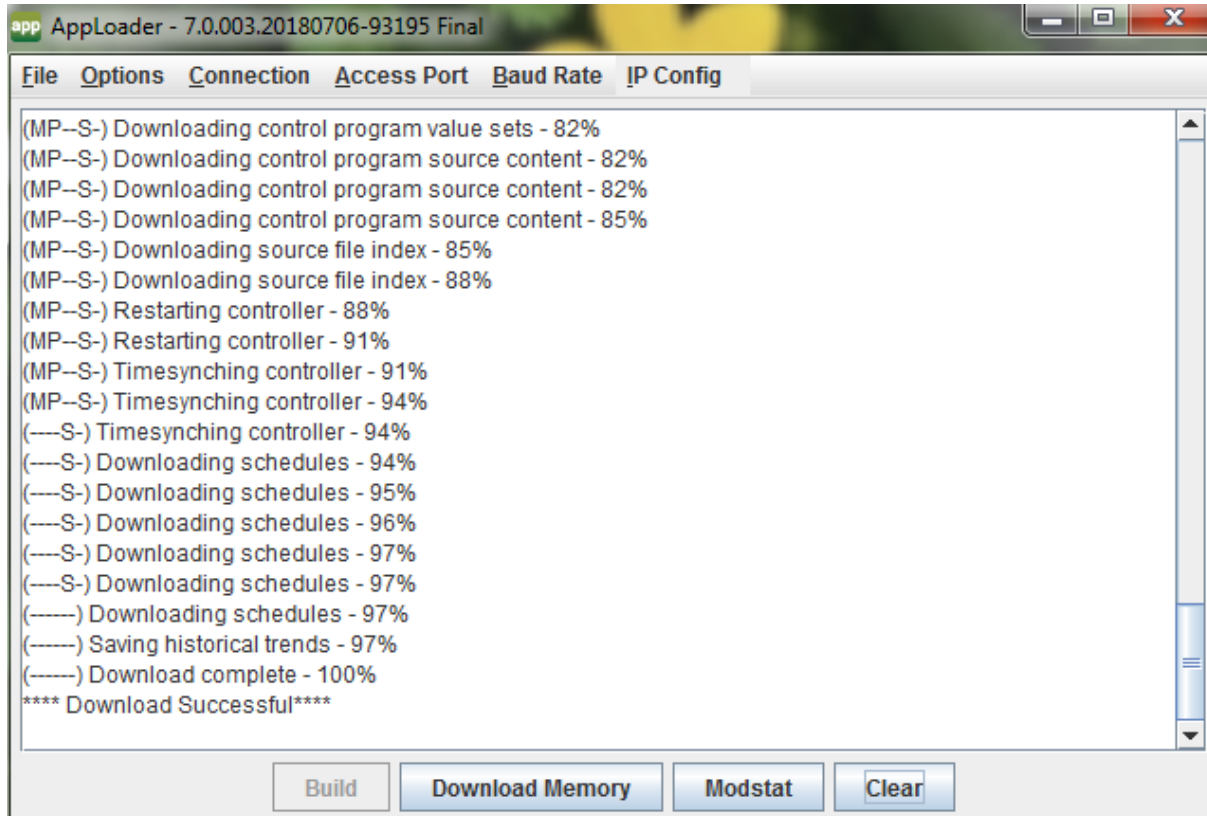


- 15- **THIS STEP IS VERY IMPORTANT!**
- Always select first choice
 - Use factory auto-assign device ID (2400)



16- Select **OK**

- Wait for program to finish downloading, ~15 minutes



17- Select **Modstat**

- Close AppLoader

