

## P0420-OFF CONFIG

It is intended for reading and writing options to the Emulator Catalyst P0420-OFF.

### Configuration program

<http://www.ftdichip.com/Drivers/VCP.htm>  
[Configuration program](#)



### Connection to the emulators



Terminal v1.9b - 20100630R - by Br@y++

Disconnect ReScan Help About.. Quit

COM Port: COM25

Baud rate: 600, 1200, 2400, 4800, 9600, 14400, 19200, 28800, 38400, 56000, 57600, 115200, 128000, 256000, custom

Data bits: 5, 6, 7, 8

Parity: none, odd, even, mark, space

Stop bits: 1, 1.5, 2

Handshaking: none, RTS/CTS, XON/XOFF, RTS/CTS+XON/XOFF, RTS on TX, invert

Settings: Set font, Auto Dis/Connect, AutoStart Script, Time, CR=LF, Stream log, Stay on Top, custom BR 9600, Rx Clear 27, ASCII table, Graph, Scripting, Remote, CTS, DSR, CD, RI

Receive: CLEAR, Reset Counter, 13, Counter = 9, HEX, ASCII, Dec, Hex, Bin, StartLog, StopLog, Request/Response

Transmit: CLEAR, Send File, 0, CR=CR+LF, DTR, RTS

Macros: Set Macros, load, 60, 767, 720, 200, 4000, save, read, lexsus, M10, M11, M12, load, 69, 721, 680, 1400, 800, save, read, new15, M22, M23, M24

h

Terminal <WWW.EUSPRO.COM>

<t> - test connection

<r> - read parameters from P0420-OFF

<c> - change parameters

<s> - save parameters in P0420-OFF

<h> - help

h

Connected Rx: 172 Tx: 1 Rx OK

### **Control commands:**

<t> - test connection  
<r> - read parameters from P0420-OFF  
<c> - change parameters  
<s> - save parameters in P0420-OFF  
<h> - help

### **Examples of entering parameters:**

enter lean mixture(0002-0300) :0085  
enter rich mixture(0700-1023) :0830  
enter Stoichiometry(0301-0699) :0767  
enter speed in(0010-0500) :0300  
enter speed out(0010-8000) :4000  
press <s> for save entering data

### **Setting macros for the emulators' configuration in automatic mode:**

- Start the "Terminal" program
- Click on "Connet"
- Check the baud rate - 9600
- Click the "Set Macros" button
- Press the "Load" button
- Select the "lambda2015" file
- Close "Macros"
- Instead of the M1 M2 M3... buttons, the E3 E4 E5 ... buttons has appeared
- For programming, you just need to press the necessary emulator settings and the program will enter the necessary data into the configurator by itself.
- Then connect to the programming contacts as it shown in the picture.
- Power up the emulator.
- And click the "SAVE" macro button.
- If the configuration is correct, the program will display the message "ok connect"
- If there is no power to the emulator or if the contacts are not correctly connected, the program will display the message "error connect"

### **Attention! Emulators and their macros!**

**4pin (4 wires) - firmware E3 E4 E5 E5+**

**5pin (5 wires without crosspieces) E3 E4 E5 E5+**

**5pin Universal (with crosspieces) - firmware UE3 UE4 UE5 UE5+**

**6pin LAF / AFS (6 wires with converter) - firmware E3 E4 E5 E5+**

**Titan - titan firmware**