## How to change the ELMB parameters for the LVPS?



Use Winhost+ tool.

**1.** Open the port where you connected the ELMB and check if you can communicate with the ELMB that you want to configure.

2. Go to **ELMB -> Configure** to change the ELMB parameters



Change ADC Mode from Unipolar to Bipolar. The ADC range should be 5V (4).

ELMB Configuration		
Node ID (dec.):	1 (0x01)	
ADC Conversion Rate:	61.6Hz (2) 👻	
ADC Range:	5V (4)	
Number of ADC Channels:	64 💌	
ADC Mode:	Bipolar (0) 💌	
Serial Number:	<unknown></unknown>	
Firmware Version:	<unknown></unknown>	
	Read Write	
EEPROM		
All parameters	Invalidate	
C Communication para	meters	
C Application parameters		
C Delta-change param	eters N	
C ADC upper/lower lim	it parameters	
	Close	

Click on **Write** to update the new configuration and save it by just clicking on **Save** button. Close panel.

3. Go to ELMB -> Values in EEPROM to change to the correct DAC chip.

Interface Data Bus Node	ELMB	Help
Display format: ELMB	Cor Del Wir	nfigure ta Values ndow values
	Val	ues in EEPROM 💦 💦
	C 51	ibration Constants

Select the option DAC type (true = MAX525)

Values held in EEPROM	
Node ID (dec.): 1 R	efresh Fields from Cache Clear All Fields
Transmission Type Event Timer TPD01 TPD02 TPD03 TPD03	Lifeguarding/Hearbeat Lifetime Factor:
Analog Settings         ADC Reset/Calibrate always:         Disable Remote Frames:         ADC Opto-coupler delay:         DAC Type: (true = MAX525)         Number of DAC Channels:         DAC Opto-coupler delay:	Digital Settings         Debounce Timer:         Global Digital Interrupt Enable:         Filter Mask Outputs 9-16:         Digital Interrupt Enable Mask 1-8:         Digital Interrupt Enable Mask 9-16:         Digital Output Init High:
Miscellaneous Bus-Off Retry Counter: NOTE: All values are shown in decimal and must be entered as decimal	Enable Auto-Start:

Click on **Write** and then **Read** to check the updated values. *The Number of DAC Channels and DAC Opto-coupler delay should change*. Click on **Save** to store those changes permanently.