

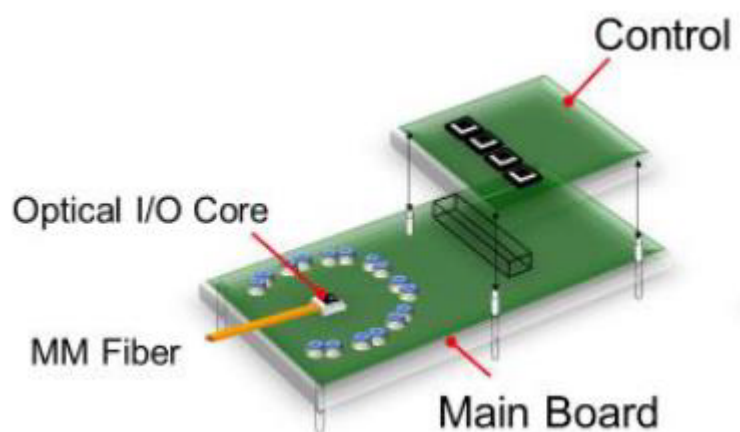
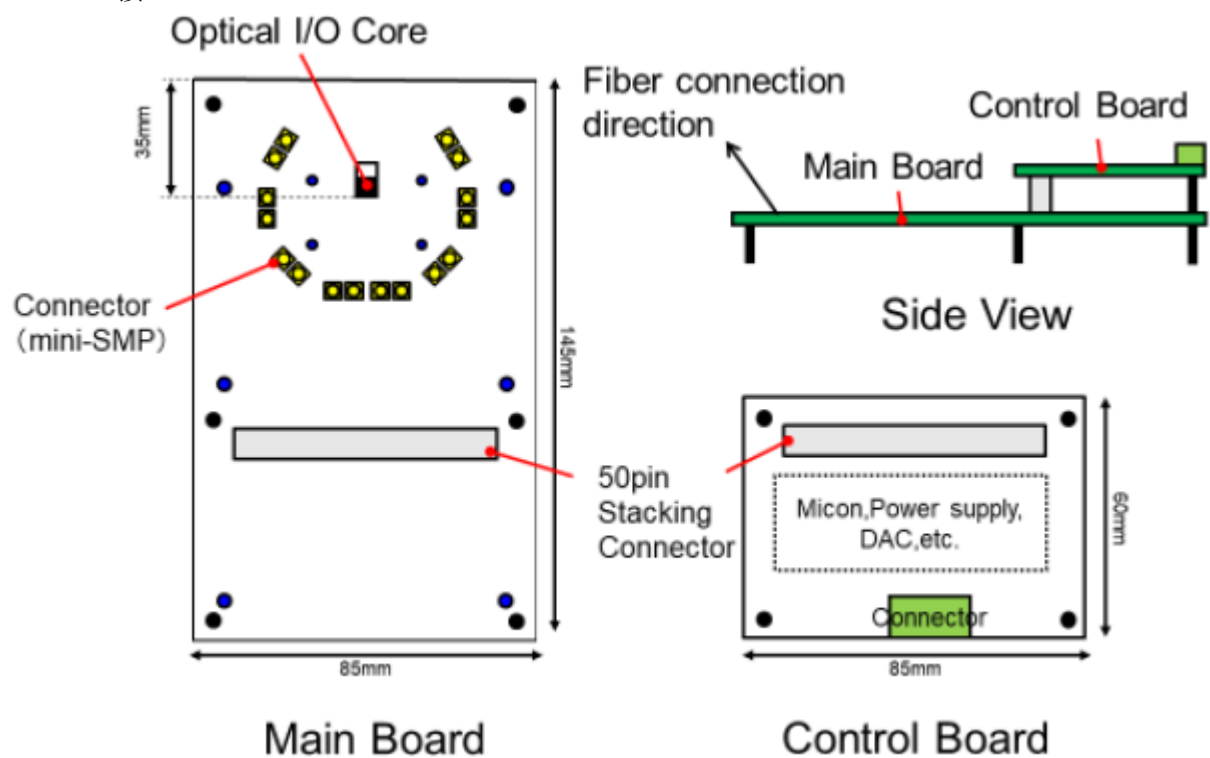
评估板硬件

AIO

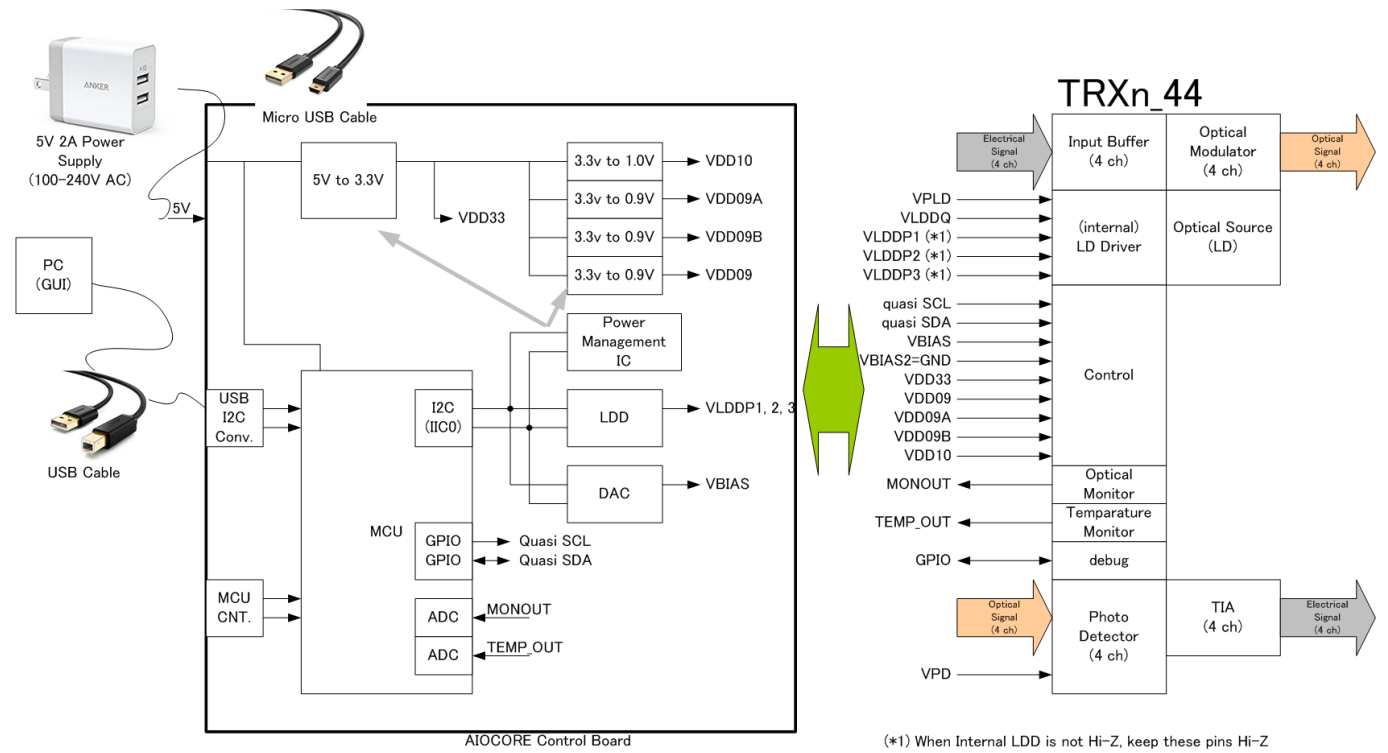
1. 4通道发送、4通道接收的集成模块
2. 速率25Gbps X 4 Channels

评估板

1. 5V供电
2. I2C接口控制
3. Mini-SMP接口



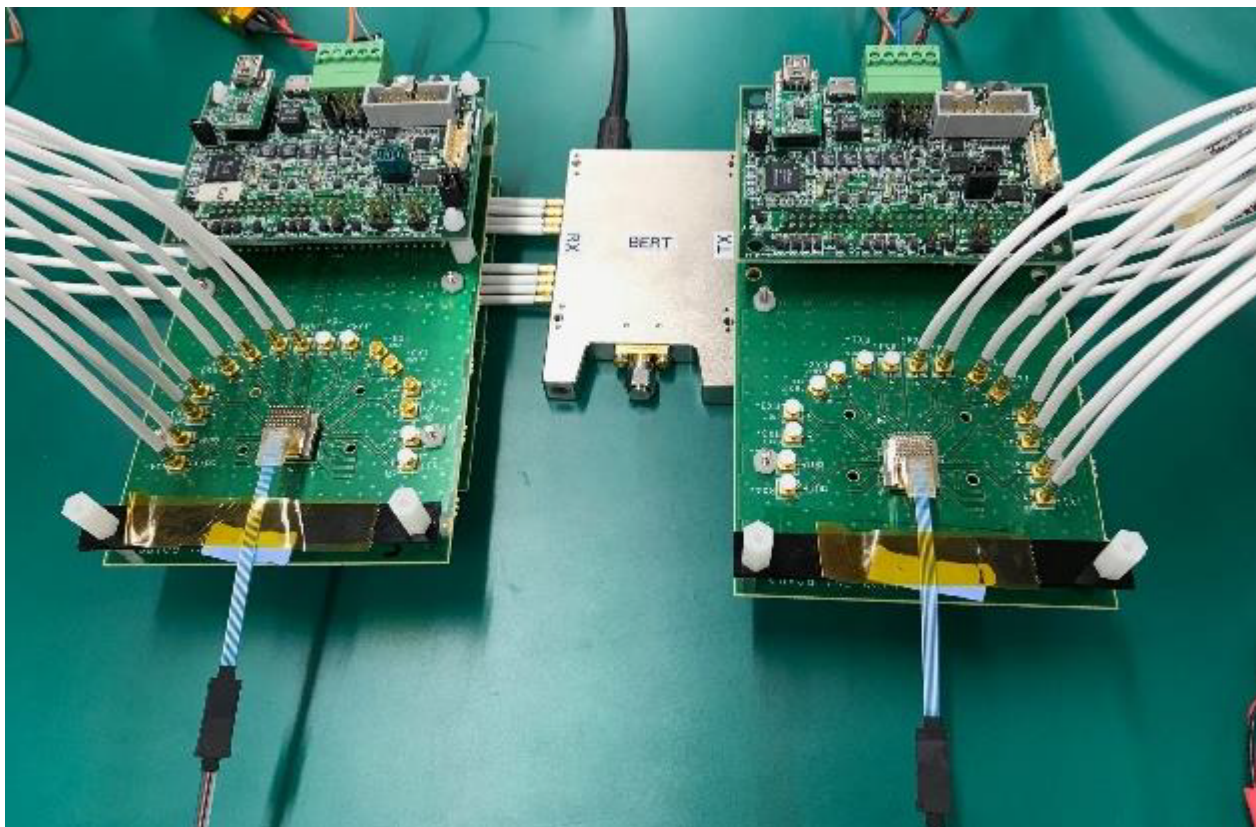
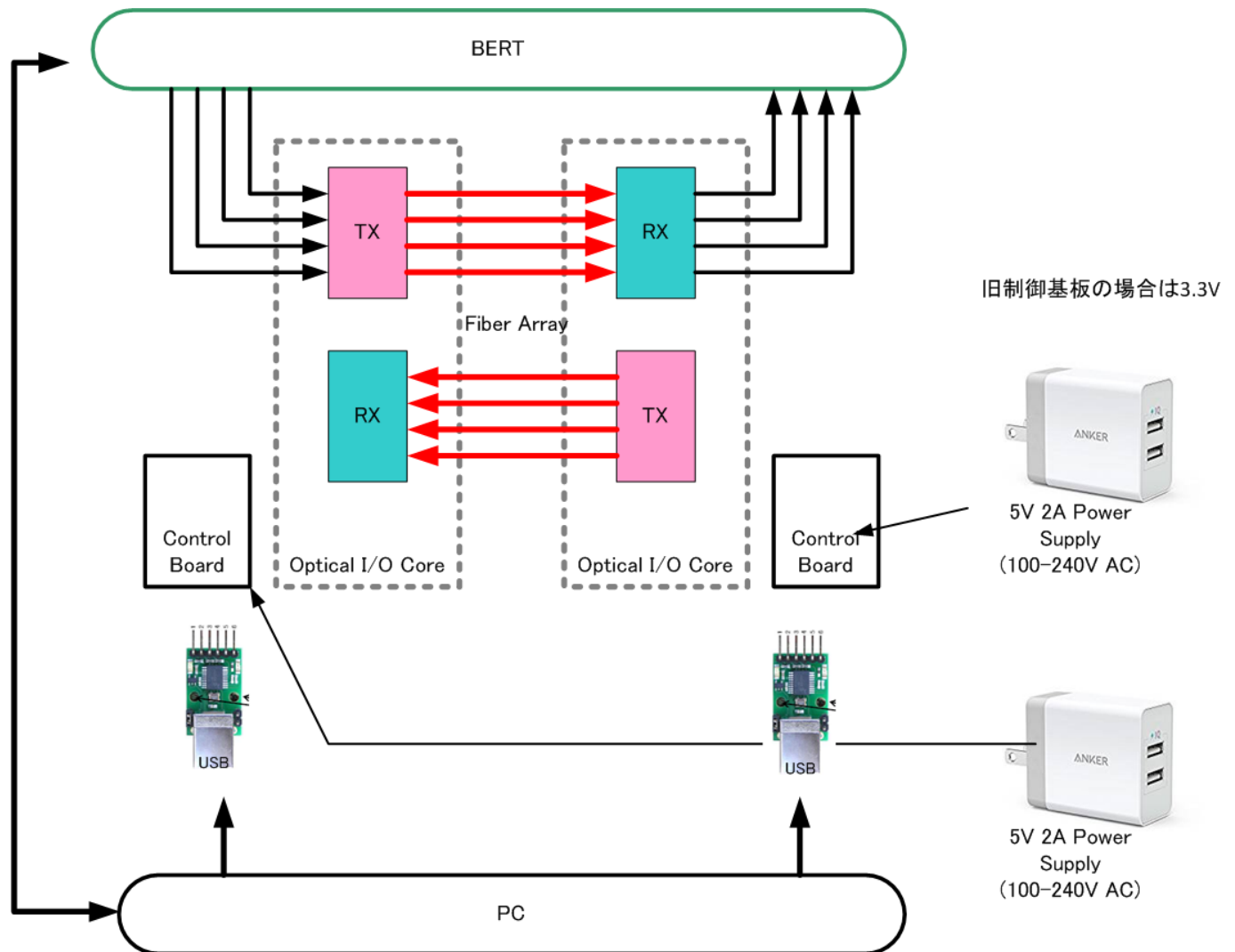
评估板



评估板软件

The screenshot shows the AIOCORE Control Board software interface. The interface is divided into several sections. On the left, there is a sidebar with buttons for 'initialize', 'comport refresh', 'READ FLASH -> initialize regmap file -> set parameters', 'READ REGMAP file -> set parameters', 'WRITE REGMAP file', 'POWER OFF', and 'POWER ON -> read regmap file -> set parameters'. Below these buttons are input fields for 'send data' and 'receive data', and checkboxes for 'ADC_10bit' and 'debug'. The main area is titled 'TX ch control' and contains a table with columns for 'CH1', 'CH2', 'CH3', and 'CH4'. Each column has a 'Reverse X point' field, a 'Common X point' field, and a 'MZ ARM P/N' field. Below the table, there are fields for 'ch1+ch2(mA)', 'ch3(mA)', and 'ch4(mA)'. At the bottom, there are fields for 'LD set and ON', 'LD OFF', 'ILIM1', 'ILIM2', 'ILIM3', 'temp. monitor', 'Vbias (mV)', and 'VDD(mV)'. The 'temp. monitor' field shows a value of -100 (degree C). The 'Vbias (mV)' field shows a value of 500. The 'VDD(mV)' field shows a value of 3300. The 'temp_ref_voltage(mV)' field shows a value of 3212.

测试方法



评估运行需要工具

1. USB电源(5V/2.1A) x 2; 好解决
2. Software; 已解决
3. USB Cable x2 ; 好解决
4. BERT 未解决
5. High-frequency cable(GPPO female ⇔ GPPO female) x16(max) RF coax [G086FFHF-30CM-1D]
 1. TX-side : less than 250mm
 2. Rx-side : less than 500mm
6. Optical Fiber: 12 core MMF (MT-MT); Vendor: SEI、Furukawa

Provide of AIO Core	
Evaluation Board with Optical I/O Core **include Control board Software for Windows USB DC Supply(2.1A/5V) USB cable(A-B) for I2C control	
please prepare by your company	Vendor
PC (OS:windows)	
BERT http://www.sanes.co.jp/service/pdf/datasheet_EV-L001_R7.pdf	Optohub [EV-L001]
High-frequency cable(GPPO female ⇔ GPPO female) x16(max) TX-side : less than 250mm Rx-side : less than 500mm https://rfcoax.com/configure-toolkit.html	RF coax [G086FFHF-30CM-1D]
Optical Fiber : 12 core MMF (MT-MT)	SEI、Furukawa
Attenuator https://www.yokogawa.com/jp-ymi/tm/Bu/AQ2200/welcome.htm	Yokogawa [AQ2200 Series/AQ2200-332]