



# 16-Channel, 14-Bit, 500 MHz ADC Module For the KOTO Experiment at JPARC

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The KOTO CsI Calorimeter has 2,600 channels and is read out with 16-ch, 14-bit, 125MHz ADC modules, designed and produced in 2010 at the University of Chicago.

This new 16-ch, 14-bit, 500 MHz ADC module has the same form factor and power requirements as the current ADC module used in KOTO. It is proposed as a direct replacement with great performance improvements in terms of sampling and data rate.

QSFP: 4 x 6Gbps

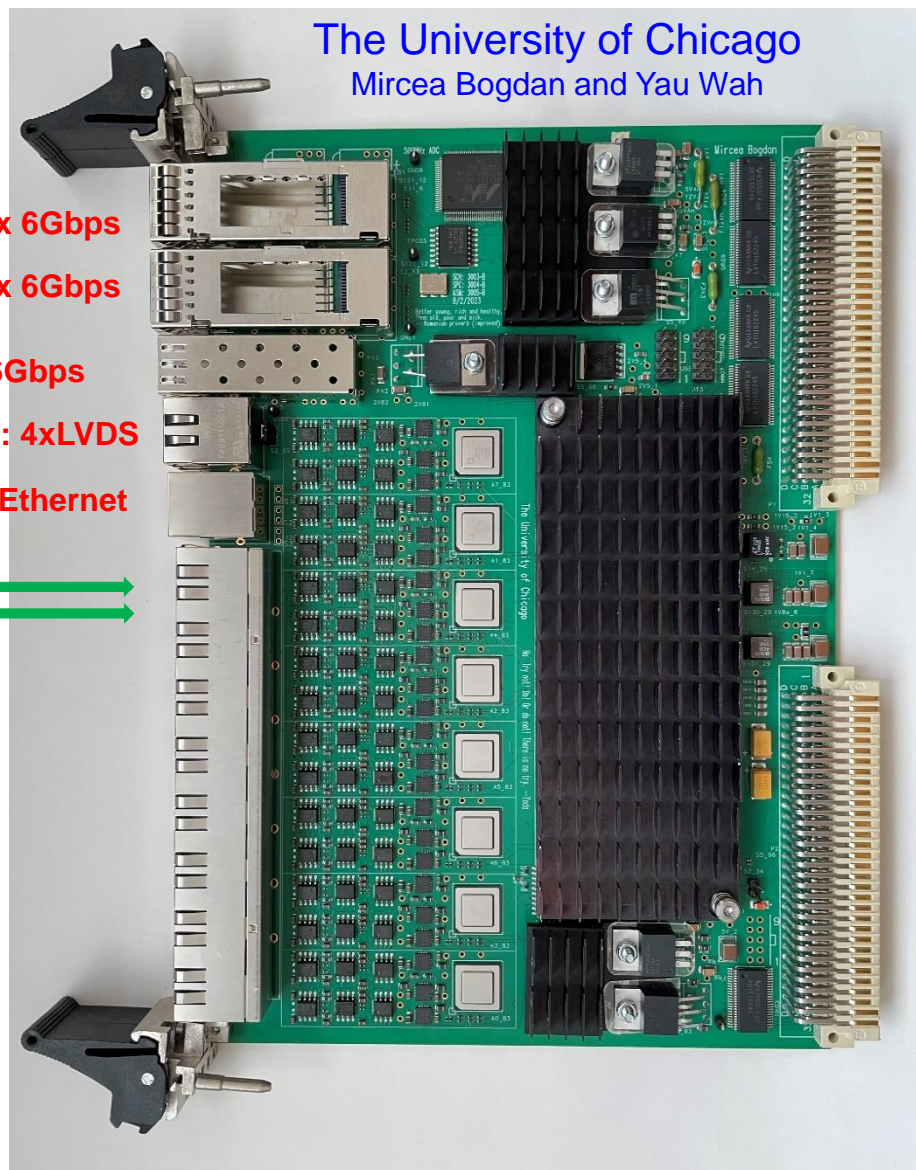
QSFP: 4 x 6Gbps

SFP: 1 x 6Gbps

KOTO: 4xLVDS

1G Ethernet

Analog Signal  
Analog Signal



# Performance: Crosstalk and Noise Test

Aggressor and Victim channels share the same RJ45 port and ADC package

