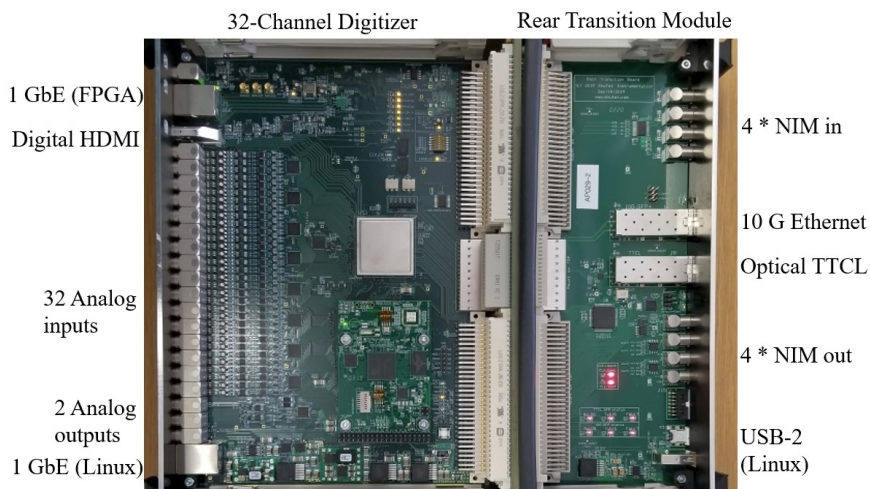




## Rear Transition Module for the Chickadee-32

### 32-Channel Digitizer with 10G Streaming Readout



### Chickadee-32 Specifications

<b>Optical fiber trasceivers</b>	One for GRETA / GRETINA Time and Trigger Control Link. One for 10G Ethernet.
<b>Digitizer Readout Rate</b>	10G with Ethernet.
<b>NIM outputs</b>	4 (LEMO connectors)
<b>NIM Inputs</b>	4 (LEMO connectors)
<b>Analog Outputs</b>	<b>N/A</b>
<b>Connectors</b>	Standard VME 64x P1/P2 and Hard Metric P0
<b>Physical Dimensions (cm)</b>	Standard VME 64x Rear Transition Module with Hard Metric P0 connector
<b>Form Factor</b>	Standard 6U VME 64x (Note: no VME readout. Streaming Ethernet is used)

<b>Synchronization</b>	GRETA Timing and Trigger Control Link (TTCL)
<b>Computer Interfaces</b>	Gigabit Ethernet
<b>Power</b>	VME 5V
<b>API</b>	Register Configuration via Python Remote Procedure Calls

### **About SkuTek Instrumentation**

We are a small company dedicated to serving physics researchers worldwide. We specialize in high-speed Data Acquisition systems and Digital Pulse Processing electronics. Our product line comprises the whole data acquisition chain: detectors, digitizers, firmware pulse processing, and data management for scientific big-data applications.