

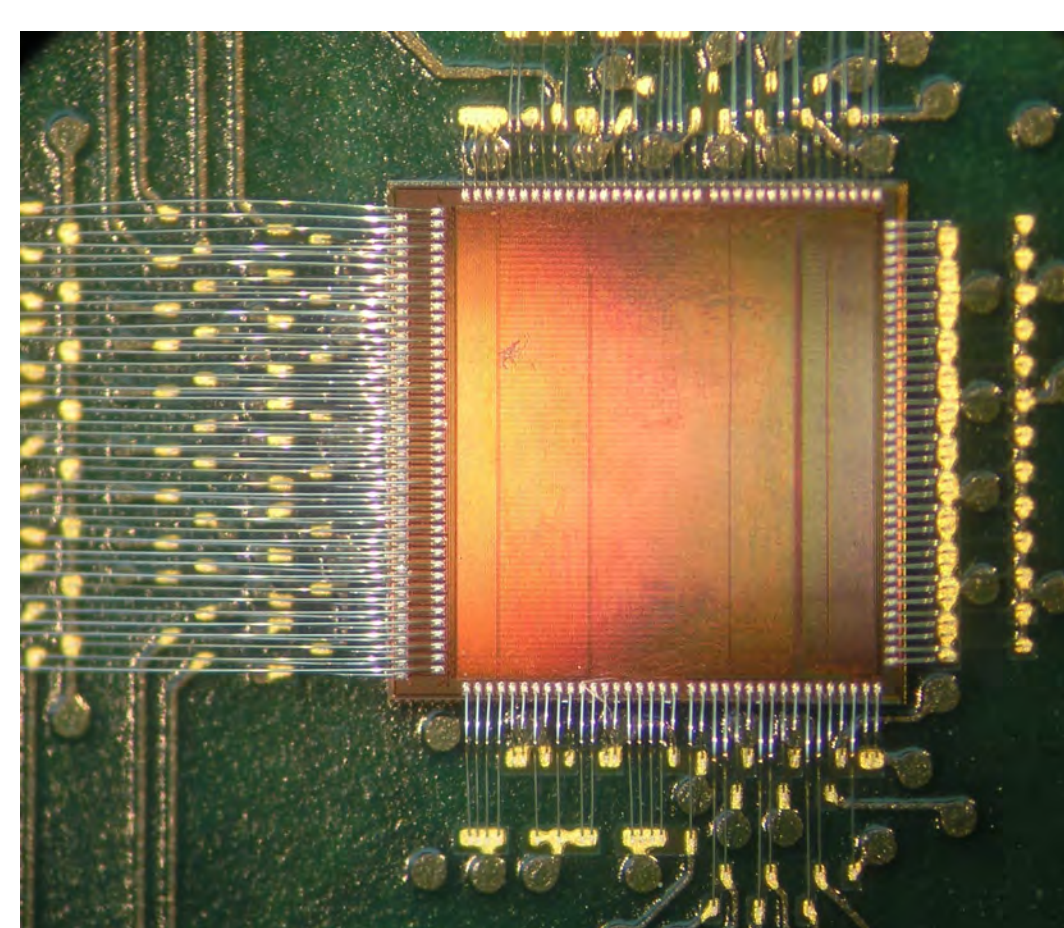
PETsys Electronics SA

ASICs and readout systems for photosensors

Integrated circuits and electronics systems for medical PET, LIDAR, radiation detectors and other applications, including:

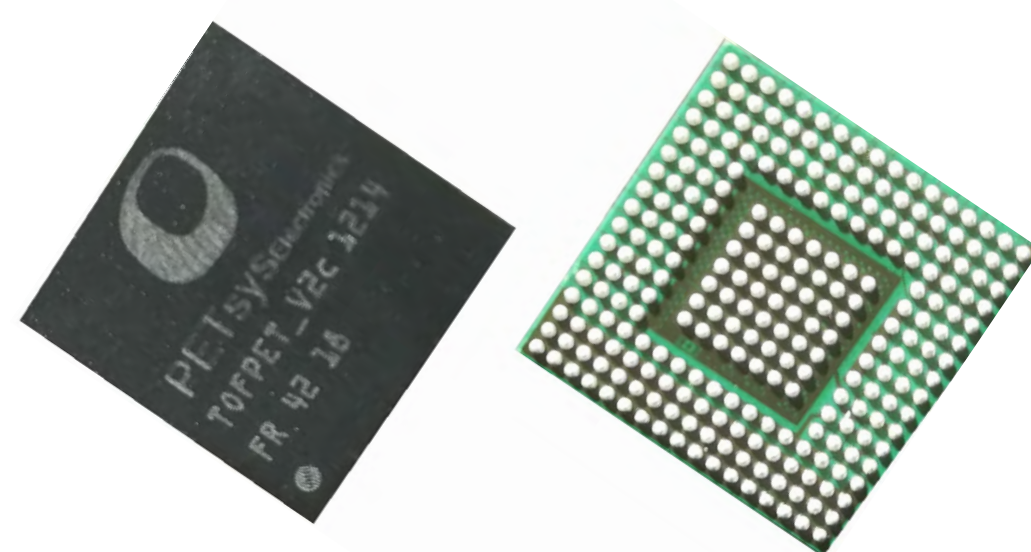
High-performance readout ASICs

- ASICs reading and digitizing fast light signals from photosensors
- radiation tolerant ASICs for particle physics detectors and other applications
- IP blocks: amplifiers, charge integrators, DACs, ADCs and high-performance TDCs

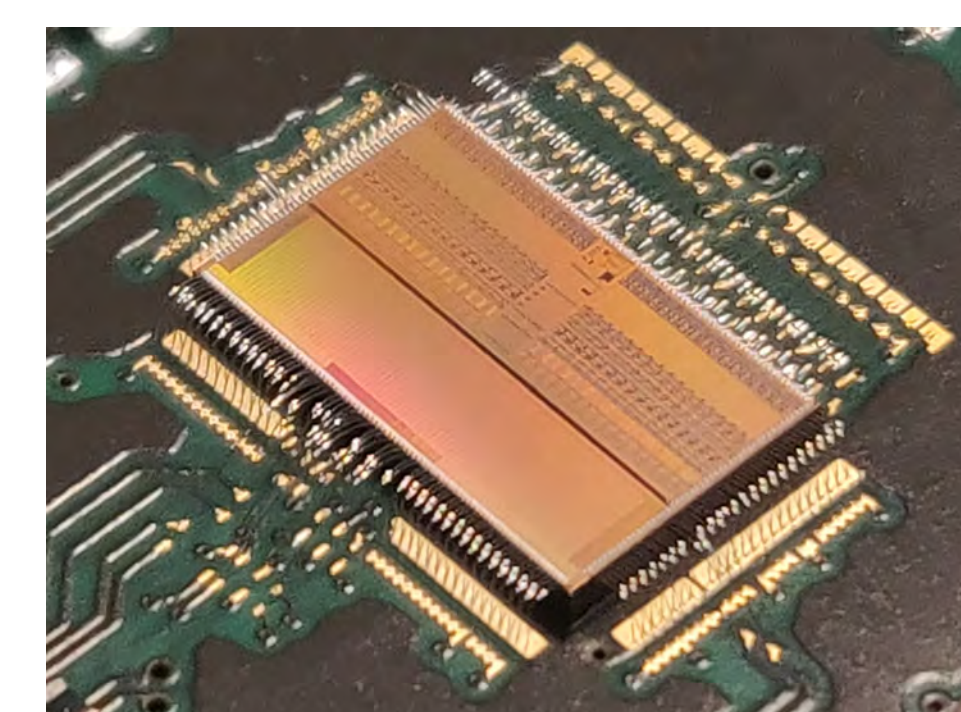


PETsys TOFPET2 ASIC

- 64 channels
- Excellent timing performance
- BGA packaged



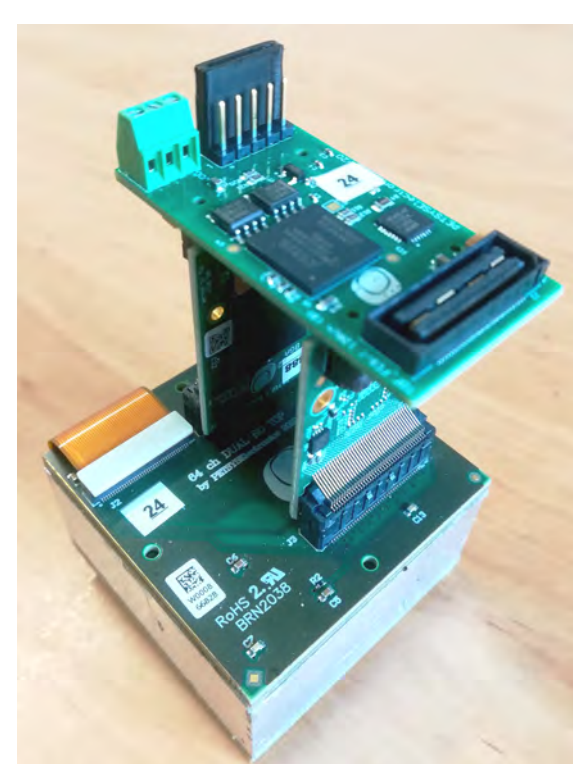
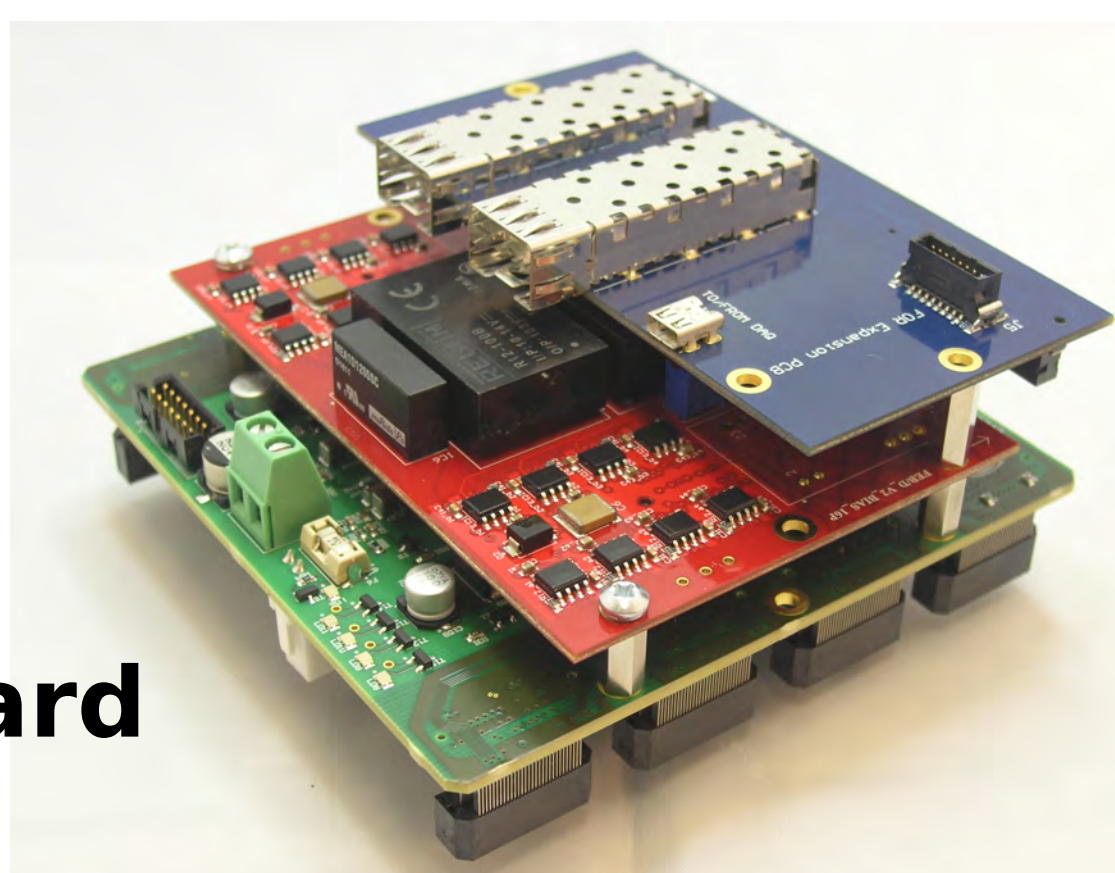
PETsys TOFHIR2 ASIC Developed for an experiment at CERN



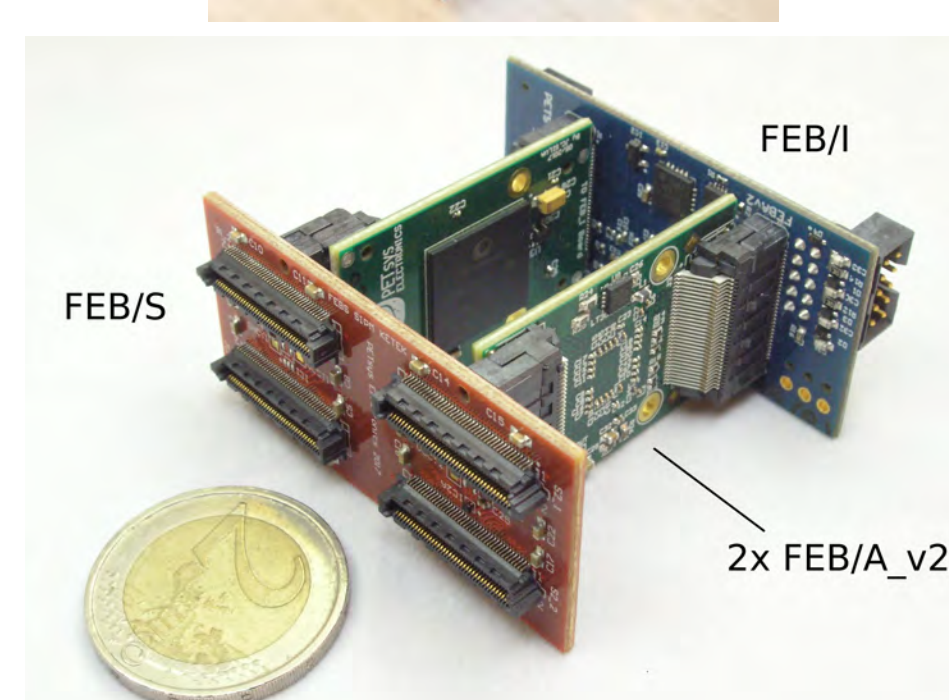
Scalable readout systems

- front-end electronics boards interfacing to photosensors and other detectors
- electronics boards for data acquisition and system control
- complete readout solutions, including electronics, firmware and software

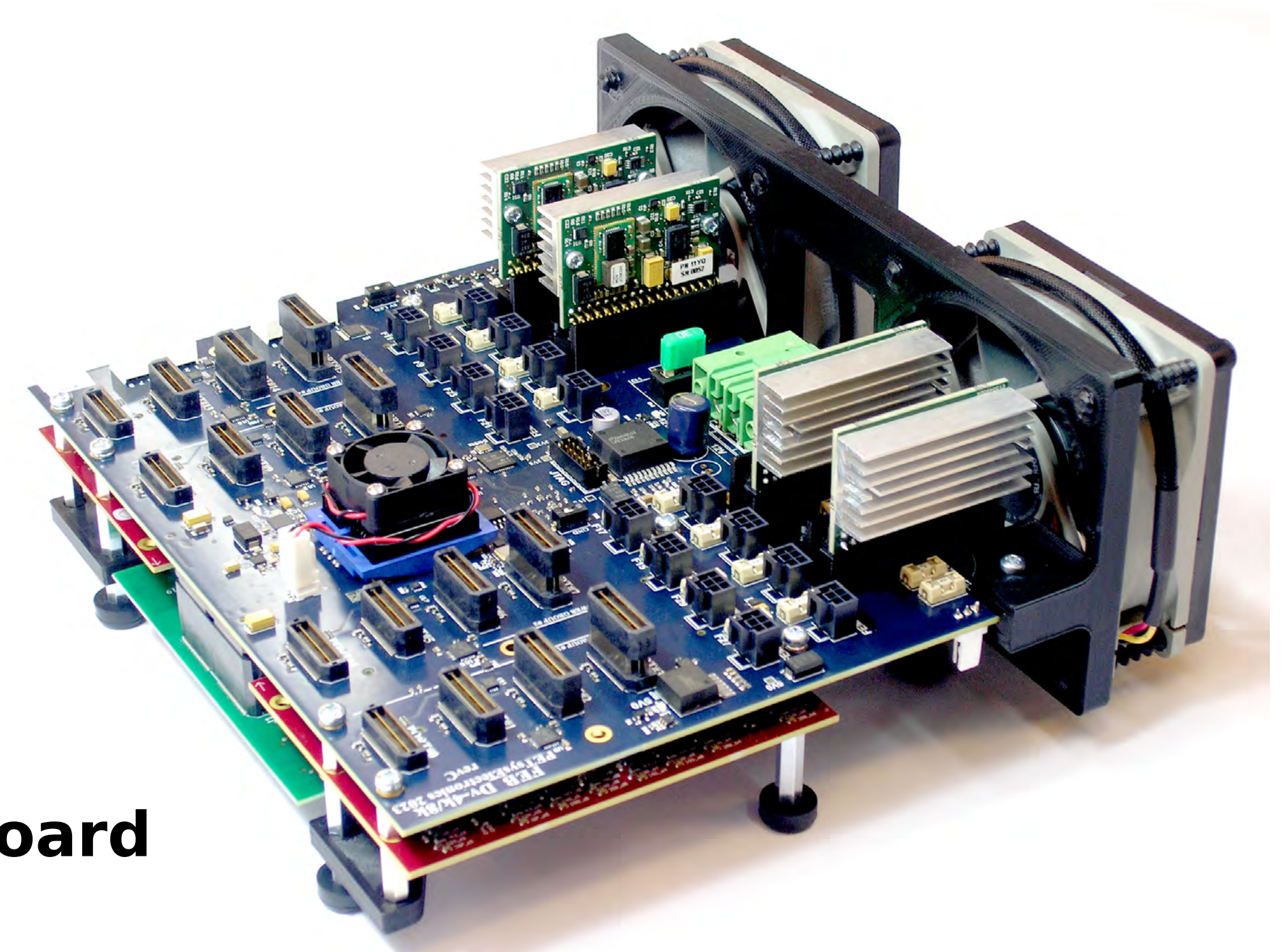
DAQ Front End Board (PETsys FEB/D 1K)



128 channels Front End Module (PETsys FEM128)



New DAQ Front End Board (PETsys FEB/D 8k)



New 256 channels Front End Module (PETsys FEM256)

