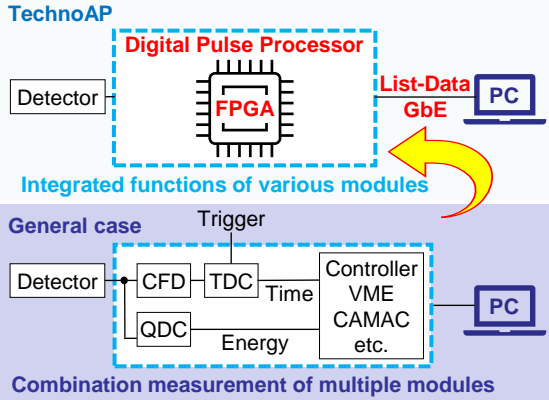


Features

- ADC
 - Time resolution
 - Throughput
 - Analyze more
 - Functions
 - Communication I/F
 - Usage example
- 1Gps, 8 channels, Resolution: 14-bit
 Coarse: 1 ns | Fine: 3.9 ps, LSB
 1Mcps and more / channel
 List(TDC+QDC), Wave, Histogram
 (digital)CFD, TDC, QDC, PSD, **List-Wave** *1 **Coincidence***1
 TCP/IP, Gigabit ethernet
 Data transfer: 10MByte (Gigabit) / second more
 Multi channel system using plastic scintillator
 Multi channel system using scintillators and wire chamber etc.

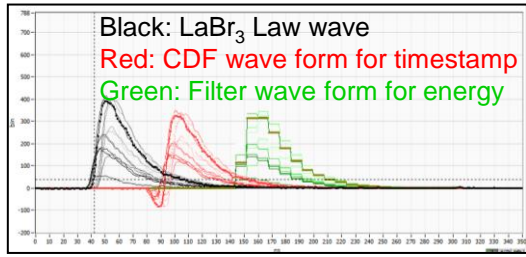


*1 Addition of options, specification change is possible.

List data example

*TDC 1digit is 3.9 ps

	80	15	11	0
Event#1	TDC[63..0]	CH[3..0]	QDC[11..0]	
Event#2	TDC[63..0]	CH[3..0]	QDC[11..0]	
Event#N	TDC[63..0]	CH[3..0]	QDC[11..0]	

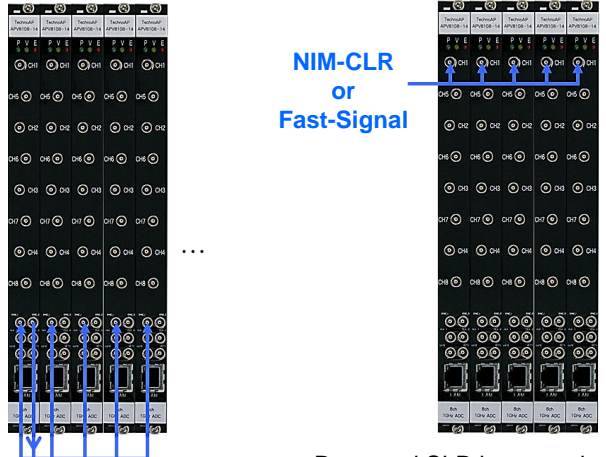


Wave mode
LaBr₃ detector used

Usage example using multi board

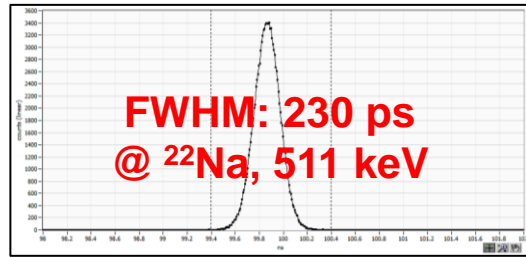
List mode measurement

List-Com mode measurement

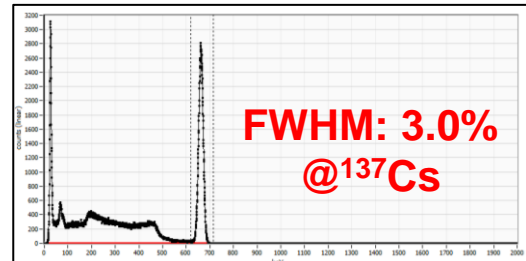


Connect Sync-CLR of board #0 to other Sync-CLR-I

Repeated CLR is entered, and when measuring the time difference spectrum from T₀, input CLR to CH 1 of each board.
Use a fast rise signal such as NIM.



Time Spectrum:
LaBr₃ detector vs LaBr₃ detector



Energy Spectrum
LaBr₃ detector used

*Images is for illustration purpose.
*Please note that contents may change without prior notice.

