

Feature	AD114	AD413A
Primary Applications	Coincidence or singles measurements with multiple detectors. Fast readout via FERAbus. Live-Time clock	Coincidence or singles measurements with multiple detectors. Fast readout via FERAbus
Package Width	CAMAC-2	CAMAC-2
Number of Channels	16,128	8064
Input Range	0 to +10 V	0 to +10 V
Number of Inputs	1	4
Gating Inputs	Master gate, local gate, PUR	Master gate, individual gates, individual PUR
Type	Peak amplitude sensing; successive-approximation ADC with sliding scale linearization	Peak amplitude sensing; successive-approximation ADC with sliding scale linearization
Conversion Time	5 μ s	6 μ s per active input
Digital Offset	No	No
Live-Time Clock	Yes	No
Readout	CAMAC or fast FERAbus	CAMAC or fast FERAbus
Compatible Memories	ORTEC HM413 (Histogram) LeCroy 4302 (FIFO) CES HSM8170 (FIFO)	ORTEC HM413 (Histogram) LeCroy 4302 (FIFO) CES HSM8170 (FIFO)
Multi-Parameter Software	Kmax™ from SPARROW	Kmax™ from SPARROW

Specifications subject to change
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