SAM: a small GET system

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SAM is a complete small acquisition system capable of acquiring 64 analog signals from gaseous detectors. It consists of two modules: one is based on the use of AGET circuit (ASIC for General Electronic for TPC) from the GET collaboration. The front-end module performs the amplification, the detection and the analog storage of the shaped detector signal before its digitization by an external ADC. The other module is based on a commercial module with a Zynq FPGA component.

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