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## Trigger Module for Spectrometer with DT5742 Digitizers

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High speed switched capacitor waveform digitizers are increasingly used in studies of rare events in nuclear physics. Digitizers complement the classic analog input systems or completely replace it. To launch the start of registration required trigger signal that determines an interesting event.

Discriminator's threshold levels are set individually via USB 2.0. Trigger signal generating logic is programmed in the FPGA chip. The number of input channels of module is 32.

Features of realization of the spectrometer «COMETA-F» trigger module are described in this article.

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