

C219

16 Channel Programmable I/O Register



- 16 independent channels programmable as inputs/outputs
- Inputs: Internally / Externally Strobed or Glitched
- Outputs: Transparent or Externally Strobed
- Programmable LAM generator

The Mod. C219 is a single width CAMAC module housing 16 channels, which can be set independently, via CAMAC functions, as Input or Output channels. An internal 16 bit mask register can be programmed via CAMAC to enable or disable each channel. Each channel is equipped with a 4-bit status register, which can be written in order to determine the operating mode. Inputs and Outputs can be enabled via CAMAC (Transparent Mode) or by an external Strobe signal (Externally Strobed Mode). Each channel can also work in Glitched Mode; in this operating mode a positive or negative transition of an input signal can be memorized in the Input Register. The module features also a programmable LAM signal generator.

Packaging	1-unit wide Camac module
Signals	INPUT: GLITCH: minimum FWHM 10 ns STROBE: maximum frequency: 30 MHz Duty cycle: 50% Minimum hold time: 25 ns Minimum set-up time: 25 ns
Working logic	Positive/Negative

Code	Description
WC219XAAAAA	C219 - 16 Channel Universal Programmable I/O Register

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