DOC229

MIDAS

Register Definitions for the LeCroy 4413 module

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Registers for the LeCroy 4413 module

This document should be read in conjunction with the document **EDOC210** which describes the Register Server implementation for **CAMAC**.

This is an Updating Programmable Discriminator Module.

All register attributes include -c (crate address) and -n (station address)

Registers using the **xCAMAC** class of the **CAMAC** Register Server

Mask Register read by f(0) a(0) & write by f(16) a(0)

Read the mask register.

lc4413#*.mask attributes -a 0 -f 0 -w 16 -p rw -l 0 -b 0

Threshold Register read by f(1) a(0) & write by f(17) a(0)

Reads the threshold setting when in local or remote mode. Writes the threshold setting register. 10 bits of data providing 1mV resolution are used to program the common threshold.

lc4413#*.threshold attributes -a 1 -f 0 -w 16 -p rw -l 10 -b 0

Manual Threshold Mode read by f(1) a(0) & write by f(17) a(0)

When set to 1 the common threshold is set manually (via a front-panel screwdriver control).

lc4413#*.manualmode attributes -a 1 -f 0 -w 16 -p rw -l 1 -b 10 -z d

Registers using the **cCAMAC** class of the **CAMAC** Register Server

These registers do not require data and have no initial value. However read-register operations may return Q and X as data.

test	**write or read by f(25) a(0)**
module test function	
lc4413#*.test	attributes -a 0 -f 25

set local mode	**read by f(24) a(0)**
lc4413#*.localmode	attributes -a 0 -f 24

set remote mode	**read by f(26) a(0)**
lc4413#*.remotemode	attributes -a 0 -f 26