CTIINEN<n>, CTI Input Trigger to Output Channel Enable registers, n = 0 - 31

The CTIINEN<n> characteristics are:

Purpose

Enables the signaling of an event on output channels when input trigger event n is received by the CTI.

Configuration

CTIINEN<n> is in the Debug power domain.

If input trigger n is not implemented or not connected, CTIINEN<n> is res0.

Attributes

CTIINEN<n> is a 32-bit register.

Field descriptions

31	30	29	28	27	26	25	24	23	22	21	20	19	
INEN31	INEN30	INEN29	INEN28	INEN27	INEN26	INEN25	INEN24	INEN23	INEN22	INEN21	INEN20	INEN19	IN

INEN<x>, bit [x], for x = 31 to 0

Input trigger <n> to output channel <x> enable.

Bits [31:N] are RAZ/WI. N is the number of ECT channels implemented as defined by the CTIDEVID.NUMCHAN field.

INEN<x>	Meaning
0b0	Input trigger <n> will not generate an event on output channel <x>.
0b1	Input trigger <n> will generate an event on output channel <x>.

The reset behavior of this field is:

- On an External debug reset, this field resets to an architecturally unknown value.

Accessing CTIINEN<n>

CTIINEN<n> can be accessed through the external debug interface:

Component	Offset	Instance
CTI	`0x020` + (4 * n)	CTIINEN<n>

This interface is accessible as follows:

- When SoftwareLockStatus(), accesses to this register are **RO**.
- When !SoftwareLockStatus(), accesses to this register are **RW**.

28/03/2023 16:02; 72747e43966d6b97dcbd230a1b3f0421d1ea3d94