

CTIAPPSET, CTI Application Trigger Set register

The CTIAPPSET characteristics are:

Purpose

Sets the application triggers.

Configuration

CTIAPPSET is in the Debug power domain.

Attributes

CTIAPPSET is a 32-bit register.

Field descriptions

31	30	29	28	27	26	25	24	23	22
APPSET31	APPSET30	APPSET29	APPSET28	APPSET27	APPSET26	APPSET25	APPSET24	APPSET23	APPSET22

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

Application trigger <x> enable.

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

APPSET<x>	Meaning
0b0	Reading this means the application trigger is inactive. Writing this has no effect.
0b1	Reading this means the application trigger is active. Writing this sets the corresponding application trigger to 1 and generates a channel event.

If the ECT does not support multicycle channel events, use of CTIAPPSET is deprecated and the debugger must only use [CTIAPPPULSE](#).

The reset behavior of this field is:

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

Accessing CTIAPPSET

CTIAPPSET can be accessed through the external debug interface:

Component	Offset	Instance
CTI	0x014	CTIAPPSET

This interface is accessible as follows:

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

[AArch32
Registers](#)

[AArch64
Registers](#)

[AArch32
Instructions](#)

[AArch64
Instructions](#)

[Index by
Encoding](#)

[External
Registers](#)

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