CTITRIGOUTSTATUS, CTI Trigger Out Status register

The CTITRIGOUTSTATUS characteristics are:

Purpose

Provides the raw status of the trigger outputs, after processing by any implementation defined trigger interface logic. For output triggers that are self-acknowledging, this is only meaningful if the CTI implements multicycle channel events.

Configuration

CTITRIGOUTSTATUS is in the Debug power domain.

Attributes

CTITRIGOUTSTATUS is a 32-bit register.

Field descriptions

31	30	29	28	27	26	25	24	23	22	2
TROUT31	TROUT30	TROUT29	TROUT28	TROUT27	TROUT26	TROUT25	TROUT24	TROUT23	TROUT22	TRO

TROUT<n>, bit [n], for n = 31 to 0

Trigger output <n> status.

Bits [31:N] are RAZ. N is the value in CTIDEVID.NUMTRIG.

If n < N, and output trigger <n> is implemented and connected, and either the trigger is not self-acknowledging or the CTI implements multicycle channel events, then permitted values for TROUT<n> are:

TROUT<n>	Meaning
0b0	Output trigger n is inactive.
0b1	Output trigger n is active.

Otherwise when n < N it is implementation defined whether TROUT<n> behaves as described here or is RAZ.

Accessing CTITRIGOUTSTATUS

CTITRIGOUTSTATUS can be accessed through the external debug interface:

Component	Offset	Instance
CTI	0x134	CTITRIGOUTSTATUS

Accesses on this interface are **RO**.

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