TRCIDR12, ID Register 12

The TRCIDR12 characteristics are:

Purpose

Returns the tracing capabilities of the trace unit.

Configuration

External register TRCIDR12 bits [31:0] are architecturally mapped to AArch64 System register TRCIDR12[31:0].

This register is present only when FEAT_ETE is implemented and FEAT_TRC_EXT is implemented. Otherwise, direct accesses to TRCIDR12 are res0.

Attributes

TRCIDR12 is a 32-bit register.

Field descriptions

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
NUMCONDKEY																															

NUMCONDKEY, bits [31:0]
When TRCIDR0.TRCCOND == 1:

Indicates the number of conditional instruction right-hand keys. Conditional instruction tracing is not implemented in ETE and this field is reserved for other trace architectures. Allocated in other trace architectures.

Otherwise:

Reserved, res0.

Accessing TRCIDR12

TRCIDR12 can be accessed through the external debug interface:

Component	Offset	Instance
ETE	0x190	TRCIDR12

This interface is accessible as follows:

- When OSLockStatus() or !IsTraceCorePowered(), accesses to this register generate an error response.
- Otherwise, accesses to this register are **RO**.

28/03/2023 16:02; 72747e43966d6b97dcbd230a1b3f0421d1ea3d94