EDDEVAFF1, External Debug Device Affinity register 1

The EDDEVAFF1 characteristics are:

Purpose

Copy of the high half of the PE MPIDR_EL1 register that allows a debugger to determine which PE in a multiprocessor system the external debug component relates to.

Configuration

When FEAT_DoPD is implemented, EDDEVAFF1 is in the Core power domain. Otherwise, EDDEVAFF1 is in the Debug power domain.

Attributes

EDDEVAFF1 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
MPIDR_EL1hi																															

MPIDR_EL1hi, bits [31:0]

MPIDR_EL1 high half. Read-only copy of the high half of MPIDR_EL1, as seen from the highest implemented Exception level.

Accessing EDDEVAFF1

EDDEVAFF1 can be accessed through the external debug interface:

Component	Offset	Instance
Debug	0xFAC	EDDEVAFF1

This interface is accessible as follows:

- When FEAT_DoPD is not implemented or IsCorePowered(), accesses to this register are **RO**.
- Otherwise, accesses to this register generate an error response.

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