ERRPIDR1, Peripheral Identification Register 1

The ERRPIDR1 characteristics are:

Purpose

Provides discovery information about the component.

For more information, see 'About the Peripheral identification scheme'.

Configuration

Implementation of this register is optional.

ERRPIDR1 is implemented only as part of a memory-mapped group of error records.

Attributes

ERRPIDR1 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
RES0	DES_0	PART_1

Bits [31:8]

Reserved, res0.

DES_0, bits [7:4]

Designer, JEP106 identification code, bits [3:0]. ERRPIDR1.DES_0 and ERRPIDR2.DES_1 together form the JEDEC-assigned JEP106 identification code for the designer of the component. The parity bit in the JEP106 identification code is not included. The code identifies the designer of the component, which might not be not the same as the implementer of the device containing the component. To obtain a number, or to see the assignment of these codes, contact JEDEC http://www.jedec.org.

Note

For a component designed by Arm Limited, the JEP106 identification code is `0x3B`.

This field has an implementation defined value.

Access to this field is **RO**.

PART_1, bits [3:0]

Part number, bits [11:8].

The part number is selected by the designer of the component. The designer chooses whether to use a 12-bit or a 16-bit part number:

- If a 12-bit part number is used, then it is stored in ERRPIDR1.PART_1 and ERRPIDR0.PART_0. There are 8 bits, ERRPIDR2.REVISION and ERRPIDR3.REVAND, available to define the revision of the component.
- If a 16-bit part number is used, then it is stored in ERRPIDR2.PART_2, ERRPIDR1.PART_1 and ERRPIDR0.PART_0. There are 4 bits, ERRPIDR3.REVISION, available to define the revision of the component.

This field has an implementation defined value.

Access to this field is **RO**.

Accessing ERRPIDR1

ERRPIDR1 can be accessed through the memory-mapped interfaces:

Component	Offset	Instance
RAS	`0xFE4`	ERRPIDR1

Accesses on this interface are **RO**.

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