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AMDEVTYPE, Activity Monitors Device Type Register

The AMDEVTYPE characteristics are:

Purpose

Indicates to a debugger that this component is part of a PE's performance monitor interface.

Configuration

It is implementation defined whether AMDEVTYPE is implemented in the Core power domain or in the Debug power domain.

Implementation of this register is optional.

This register is present only when FEAT_AMUv1 is implemented.

Attributes

AMDEVTYPE 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	SUB	MAJOR

Bits [31:8]

Reserved, res0.

SUB, bits [7:4]

Subtype.

SUB	Meaning
0b0001	Component within a PE.

Access to this field is **RO**.

MAJOR, bits [3:0]

Major type.

MAJOR	Meaning
0b0110	Performance monitor component

Access to this field is **RO**.

Accessing AMDEVTYPE

AMDEVTYPE can be accessed through the memory-mapped interfaces:

Component	Offset	Instance
AMU	0xFCC	AMDEVTYPE

Accesses on this interface are **RO**.

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