MPAMF_SIDR, MPAM Features Secure Identification Register

The MPAMF_SIDR characteristics are:

Purpose

The MPAMF_SIDR is a 32-bit read-only register that indicates the maximum Secure PARTID and Secure PMG on this MSC.

Configuration

This register is present only when FEAT_MPAM is implemented. Otherwise, direct accesses to MPAMF_SIDR are res0.

The power and reset domain of each MSC component is specific to that component.

Attributes

MPAMF_SIDR 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	S_PMG_MAX	S_PARTID_MAX

Bits [31:24]

Reserved, res0.

S_PMG_MAX, bits [23:16]

Maximum value of Secure PMG supported by this component.

S_PARTID_MAX, bits [15:0]

Maximum value of Secure PARTID supported by this component.

Accessing MPAMF_SIDR

This register is only within the Secure MPAM feature page memory frame.

MPAMF_SIDR is read-only.

MPAMF_SIDR must only be readable from the Secure MPAM feature page. If the system or the MSC does not support the Secure address map, this register must not be accessible.

MPAMF_SIDR can be accessed through the memory-mapped interfaces:

Component	Frame	Offset	Instance
MPAM	MPAMF_BASE_s	0x0008	MPAMF_SIDR_s

Accesses on this interface are **RO**.

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