

GITS_MPAMIDR, Report maximum PARTID and PMG Register

The GITS_MPAMIDR characteristics are:

Purpose

Reports the maximum support PARTID and PMG values.

Configuration

This register is present only when FEAT_GICv3p1 is implemented. Otherwise, direct accesses to GITS_MPAMIDR are res0.

A copy of this register is provided for each ITS.

When [GITS_TYPER](#).MPAM==0, this register is res0.

Attributes

GITS_MPAMIDR 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								PMGmax								PARTIDmax															

Bits [31:24]

Reserved, res0.

PMGmax, bits [23:16]

Maximum PMG value supported.

PARTIDmax, bits [15:0]

Maximum PARTID value supported.

Accessing GITS_MPAMIDR

GITS_MPAMIDR can be accessed through the memory-mapped interfaces:

Component	Offset
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GIC ITS control	0x0010
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Accesses on this interface are **RO**.

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