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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------|----|----|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|
| 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 | | | | | |
| | | | | | | | | | | | | | | | | | | | CONTEXTIDR_EL2 | | | | | | | | | | | | | | | | | |

CONTEXTIDR_EL2, bits [31:0]

Context ID. The value of [CONTEXTIDR_EL2](#) that is associated with the most recent PMU.PMPCSR sample. When the most recent PMU.PMPCSR sample is generated:

- If the PE is not executing at EL3, EL2 is using AArch64, and EL2 is enabled in the current Security state, then this field is set to the Context ID sampled from [CONTEXTIDR_EL2](#).
- Otherwise, this field is set to an unknown value.

Because the value written to this field is an indirect read of [CONTEXTIDR_EL2](#), it is constrained unpredictable whether this field is set to the original or new value if PMU.PMPCSR samples:

- An instruction that writes to [CONTEXTIDR_EL2](#).
- The next Context synchronization event.
- Any instruction executed between these two instructions.

The reset behavior of this field is:

- On a Cold reset, this field resets to an architecturally unknown value.

Accessing PMCID2SR

implementation defined extensions to external debug might make the value of this register unknown, see 'Permitted behavior that might make the PC Sample-based profiling registers UNKNOWN'.

Accesses to this register use the following encodings:

Accessible at offset 0x22C from PMU

- When DoubleLockStatus(), or !IsCorePowered() or OSLockStatus(), accesses to this register generate an error response.
- Otherwise, accesses to this register are **RO**.

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