Bit number	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
ID	B A
Reset 0x00000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

ID	R/W	Field	Value ID	Value	Description
A	RW	IDLE			Trace unit enable bit
			NotIdle	0	The trace unit is not idle.
			Idle	1	The trace unit is idle.
B	RW	PMSTABLE			Programmers' model stable bit
			NotStable	0	The programmers' model is not stable.
			Stable	1	The programmers' model is stable.

9.8.1.4 TRCCONFIGR

Address offset: 0x010

Controls the tracing options

This register must always be programmed as part of trace unit initialization.

Might ignore writes when the trace unit is enabled or not idle.

Bit number	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
ID	M L K J J I H G G G F E D C B A
Reset 0x00000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

ID	R/W	Field	Value ID	Value	Description
A	RW	LOADASP0INST			Instruction P0 load field. This field controls whether load instructions are traced as P0 instructions.
			No	0	Do not trace load instructions as P0 instructions.
			Yes	1	Trace load instructions as P0 instructions.
B	RW	STOREASP0INST			Instruction P0 field. This field controls whether store instructions are traced as P0 instructions.
			No	0	Do not trace store instructions as P0 instructions.
			Yes	1	Trace store instructions as P0 instructions.
C	RW	BB			Branch broadcast mode bit.
			Disabled	0	Branch broadcast mode is disabled.
			Enabled	1	Branch broadcast mode is enabled.
D	RW	CCI			Cycle counting instruction trace bit.
			Disabled	0	Cycle counting in the instruction trace is disabled.
			Enabled	1	Cycle counting in the instruction trace is enabled.
E	RW	CID			Context ID tracing bit.
			Disabled	0	Context ID tracing is disabled.
			Enabled	1	Context ID tracing is enabled.
F	RW	VMID			Virtual context identifier tracing bit.
			Disabled	0	Virtual context identifier tracing is disabled.
			Enabled	1	Virtual context identifier tracing is enabled.
G	RW	COND			Conditional instruction tracing bit.
			Disabled	0	Conditional instruction tracing is disabled.
			LoadOnly	1	Conditional load instructions are traced.
			StoreOnly	2	Conditional store instructions are traced.
			LoadAndStore	3	Conditional load and store instructions are traced.
			All	7	All conditional instructions are traced.
H	RW	TS			Global timestamp tracing bit.
			Disabled	0	Global timestamp tracing is disabled.
			Enabled	1	Global timestamp tracing is enabled.
I	RW	RS			Return stack enable bit.

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