Register	Offset	TZ	Description
TRCPDSR	0x314		Indicates the power down status of the ETM.
TRCITATBIDR	0xEE4		Sets the state of output pins.
TRCITIATBINR	0xEF4		Reads the state of the input pins.
TRCITIATBOUTR	0xEFC		Sets the state of the output pins.
TRCITCTRL	0xF00		Enables topology detection or integration testing, by putting ETM-M33 into integration mode.
TRCCLAIMSET	0xFA0		Sets bits in the claim tag and determines the number of claim tag bits implemented.
TRCCLAIMCLR	0xFA4		Clears bits in the claim tag and determines the current value of the claim tag.
TRCAUTHSTATUS	0xFB8		Indicates the current level of tracing permitted by the system
TRCDEVARCH	0xFBC		The TRCDEVARCH identifies ETM-M33 as an ETMv4.2 component
TRCDEVTYPE	0xFCC		Controls the single-shot comparator.
TRCPIDR[n]	0xFD0		Coresight peripheral identification registers.
TRCCIDR[n]	0xFF0		Coresight component identification registers.

9.8.1.1 TRCPRGCTLR

Address offset: 0x004

Enables the trace unit.

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																																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	EN			Trace unit enable bit
			Disabled	0	The trace unit is disabled. All trace resources are inactive and no trace is generated.
			Enabled	1	The trace unit is enabled.

9.8.1.2 TRCPROCSELR

Address offset: 0x008

Controls which PE to trace.

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

Before writing to this register, ensure that TRCSTATR.IDLE == 1 so that the trace unit can synchronize with the chosen PE.

Implemented if TRCIDR3.NUMPROC is greater than zero.

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																												A	A	A	A	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	PROCSEL			PE select bits that select the PE to trace.

9.8.1.3 TRCSTATR

Address offset: 0x00C

Idle status bit