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																																
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

9.8.1.44 TRCCIDR[n] (n=0..3)

Address offset: 0xFF0 + (n × 0x4)

Coresight component identification registers.

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																																
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

9.9 TPIU — Trace port interface unit

The Arm Cortex-M33 TPIU bridges the on-chip trace data from the ETM and the ITM, with separate IDs, to a data stream.

The Arm Cortex-M33 TPIU encapsulates IDs where required, and an external Trace Port Analyzer (TPA) captures the data stream. See the Arm Cortex-M33 Processor Technical Reference Manual for more details.

9.9.1 Registers

Instances

Instance	Domain	Base address	TrustZone			Split access	Description
			Map	Att	DMA		
TPIU	APPLICATION	0xE0040000	HF	NS	NA	No	Trace port interface unit (Trace and Debug)