TE Reference Designs Overview

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Download

- Trenz Electronic Download Area

Documentation

Xilinx

- AMD Development Tools
- Project Delivery - AMD devices

Intel

- Intel Development Tools
- Project Delivery - Intel devices

MicroSemi

- Microchip Development Tools
- Project Delivery - Microchip devices

Lattice

- General documentation is currently not available

Overview

Xilinx

Table shows newest reference design for specified Vivado and SDSoC (SDx) version available on Trenz Electronic Download Area.

TE Series	Series	Typ		Latest Vivado Version Supported	Board Part Variants	Note
AM0010	U+	ZynqMP		2023.2	12	different assembly options
TE0710	7	Artix		2023.2	12	different assembly options
TE0711	7	Artix		2023.2	10	different assembly options
TE0712	7	Artix		2022.2	67	different PCB revision and assembly options
TE0713	7	Artix		2021.2	2	different assembly options
TE0714	7	Artix		2021.2	12	

TE0715	7	Zynq		2022.2	50	different PCB revision and assembly options
TE0716	7	Zynq		tbd	tbd	
TE0717	7	Spartan		2021.2	1	
TE0720	7	Zynq		2023.2	89	different assembly options
TE0722	7	Zynq		2023.2	7	different PCB revision and assembly options
TE0723	7	Zynq		2018.3	4	different PCB revision and assembly options
TE0724	7	Zynq		2022.2	19	different PCB revision and assembly options
TE0725	7	Artix		2021.2	6	different assembly options
TE0725LP	7	Artix		2021.2	9	different assembly options
TE0726	7	Zynq		2020.2	4	different PCB revision and assembly options
TE0727	7	Zynq		2020.2	2	different PCB revision and assembly options
TE0728	7	Zynq		2020.2	2	different PCB revision
TE0729	7	Zynq		2019.2	3	different assembly options
TE0741	7	Kintex		2023.2	28	different assembly options
TE0745	7	Zynq		2023.2	66	different assembly options
TE0763	7	Artix		2021.2	1	
TE0782	7	Zynq		2022.2	5	different assembly options
TE0783	7	Zynq		2017.4	1	
TE0802	U+	ZynqMP		2022.2	4	different assembly options
TE0803	U+	ZynqMP		2022.2	98 (196)	different assembly options and PS configurations • not all are supported
TE0806	U+	ZynqMP		tbd	tbd	
TE0807	U+	ZynqMP		2022.2	37 (74)	different assembly options and PS configurations • 1 (2) are no longer supported by Vivado • 2 (4) Si5345 not assembled
TE0808	U+	ZynqMP		2023.2	75 (150)	different assembly options and PS configurations (including customer variants) • 3 (6) are no longer supported by Vivado • 2 (4) Si5345 not assembled
TE0813	U+	ZynqMP		2023.2	29 (58)	different assembly options
TE0817	U+	ZynqMP		2022.2	1 (2)	different assembly options
TE0818	U+	ZynqMP		2023.2	27 (54)	different assembly options • including 2 T-variants

TE0820	U+	ZynqMP		2023.2	127	different PCB revision and assembly options • 14/127 are no longer supported by Vivado • 3/127 are without PLL
TE0821	U+	ZynqMP		2022.2	17	different assembly options
CR00200	U+	ZynqMP		2021.2.1	1	Demo Design with CRUVI Modul and TE0821
CR00202	U+	ZynqMP		2021.2.1	1	Demo Design with CRUVI Modul and TE0821
TE0823	U+	ZynqMP		2022.2	8	different assembly options
TE0830	U+	ZynqMP				
TE0835	U+	RFSoC		2020.2	1	
TE0841	U	Kintex		2021.2	17	different PCB revision and assembly options
TE0865	U+	ZynqMP		tbd	tbd	
TE0890	7	Spartan				
TEB0911	U+	ZynqMP		2019.2	6	different assembly options
TEB0912	U+	ZynqMP		2022.2	2	
TEC0810	U+	ZynqMP		2022.2	2	
TEC0850	U+	ZynqMP		2018.2	1	
TE0950	V	Versal		2023.2	6	
TEC0330	7	Virtex		2021.2	1	
TEF1001	7	Kintex		2018.2	4	different assembly options and PCB revision
TEF0003	7	Artix				

Note: Empty fields are work in process. "—" means not supported.

Intel

TE Series	Series	Typ	Latest Quartus Version Supported	Assembly Variants	Notes
TEI0001	MAX 10	--	22.1 Lite	11	
TEI0003	Cyclone 10	LP	22.1std Lite	6	
TEI0006	Cyclone 10	GX	22.4 Pro	16	
TEI0010	MAX 10	--	21.1 Lite	1	
TEI0015	MAX 10	--	18.1 Lite	2	only programming files available
TEI0016	MAX 10	--	18.1 Lite	2	only programming files available
TEI0022	Cyclone 5	SE	21.1 Lite	1	
TEI0023	MAX 10	--	19.1 Lite	1	only programming files available
TEI0050	Cyclone 5	E	21.1 Lite	2	

TEI0180	Agilex F Series				
CR00100	MAX 10	--	21.1 Lite	2	

MicroSemi

TE Series	Series	Latest Libero Version Supported	Assembly Variants	Notes
TEM0002 Reference Designs	SmartFusion2	12.4	1	
TEM0007 Reference Designs	Polarfire SoC	23.1	5	

Lattice

TE Series	Series	Typ	Latest Diamond Version Supported	Assembly Variants	Notes
TBD					

Disclaimers

- All information on this pages are provided as-is without assurance of correctness or completeness.
- All information is subjected to change at any time without notice.
- Please check download area for newest reference design.