

Intel Cyclone 10 based modules

										TEI	0003	-	03	-	A	L	C	1	3	A	S							
										1 2 3	4567	8	9 10	11	12	13	14	15	16	17	18							
Module type																												
TEI	Trenz Electronic																											
CR	CRUVI																											
Module name																												
TEI	0003	0006	0009																									
CR	00102	00109																										
Module Revision																												
01	PCB Revision 1 (initial)																											
Family Signature - Speed grade/ Core Voltage																												
A	B																Cylone 10 GX											
10CX-5Y	10CX-6Y																											
N	P	Q	R	S	T												Cylone 10 LP											
10CL-6Y	10CL-7Y	10CL-8Y	10CL-6Z	10CL-7Z	10CL-8Z																							
Size																												
A	B	D	F	G	H	J	K	L	M	N	P																	
006	010	016	025	040	055	080	85	105	120	150	220																	
Temp range (Tstr. abs. = -65°C to +150°C)																												
Commercial (0 °C / 85 °C)			Extended (0/+100 °C)			Industrial (−40 °C / +100 °C)			Automotive (Q) (−40 °C / +125 °C)																			
C			E			I			A																			
RAM (SDRAM,DDR,) memory																												
0	Not populated																											
1	DDR3L SDRAM	TEI0006: 128MByte						Commercial			1x1Gbit - IS43TR16640CL-125JBL						#30807											
2		TEI0006: 2GByte						Industrial			2x8Gbit - IS43TR16512BL-125KBLI						#29150											
N	SDRAM	CR00109: 8MByte						Commercial			1x64MBit - IS42S16400J-7BL						#27931											
P		CR00102, TEI0009: 32MByte						Commercial			1x256MBit - IS42S16160J-7BL						#29437											
Q		TEI0009: 32MByte						Industrial			1x256MBit - IS42S16160J-7BLI						#30920											
R		TEI0003: 8MByte						Commercial			1x64MBit - W9864G6JT-6						#28045											
S		TEI0003: 8MByte						Industrial			1x64MBit - W9864G6JT-6I						#28701											
Flash memory																												
0	Not populated						-			-						-												
1	TEI0003/TEI0009						Industrial			16Mbit - EPCQ16ASI8N						#28753												
2	TEI0009						Industrial			128MBit - W25Q128JVSIQ						#30919												
3	TEI0006: 256MByte						Industrial			2x1Gbit - MT25QU01GBBB8E12-0SIT						#28264												
4	TEI0003/TEI0009: 8MByte						Industrial			64Mbit - W25Q64JVSSIQ						#32249												
Other options (Connectors, custom options)																												
Module		Variation		Description																								
All		A		Standard assembly variant																								
		L		Low profile connector height																								
		P		Prototype																								
		...		Custom assembly variant, look additional table below																								
Additional options																												

Other assembly variations (position 17)

Module	Variation	Description
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TEI0003		
TEI0006	R	No Ethernet PHY
TEI0009	R	No HyperRAM, QSPI Flash