

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 - EPCQ16AS18N					#28753											
2	TEI0009							Industrial			128MBit - W25Q128JVS1Q					#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