

Ultrascale+ and Ultrascale Kintex and Artix based modules

												TE	0841	-	02	-	x	x	x	x	x	x	x	x
												1 2	3456	7	8 9	10	11	12	13	14	15	16	17	18
Module type																								
TE	BB Mezzanine Module																							
Module name																								
0841																								
Module Revision																								
01	Revision 1 (initial)																							
Device name																								
1	2	3	4	5	6	7	8	9				US												
115	25	35	40	-	60	-	85	95																
A	B	D	F	G	H	K	L	M	N	P	R	S	T	U	V	US+								
3P	5P	7P	9P	10P	11P	13P	15P	20P	25P	27P	29P	31P	33P	35P	37P									
Speed grade																								
1	2	3	4	5	5																			
1	2	3	1L	2L	2L																			
Temp range																								
C			E			I			Q															
Commercial			Extended			Industrial			Automotive															
DDR memory																								
-	Not present at all											-	-					-						
0	Not populated											-	-					-						
1																								
2	TE0841: 2 GByte											Industrial	8Gbit - K4A8G165WB-BIRC (NRND)					#28375						
3	TE0841: 2 GByte											Industrial	8Gbit - K4A8G165WC-BITDTCV					#30211						
X	DDR SODIMM Socket																							
Flash memory																								
0	Not populated											-	-					-						
1	TE0841: 64MByte											Industrial	512Mbit - MT25QU512ABB8E12-0SIT					#29292						
eMMC																								
-	TE0841: Not present											-	-					-						
0	Not populated											-						-						
F																								
Other options (Connectors, custom options)																								
Module		Variation		Description																				
All		A		Standard height																				
		L		Low profile																				
		...		Custom assembly variant, look additional table below																				
Additional options																								
Blank	no extra options																							
S	Starter Kit																							
K	With Heat spreader																							

Other assembly variations (position 17)

Module	Variation	Description
TE0841	A	Standard profile B2B connectors LSHM-150-04.0-L-DV-A-S-K-TR #23838/LSHM-130-04.0-L-DV-A-S-K-TR #24903
	L	Low profile B2B connectors LSHM-150-02.5-L-DV-A-S-K-TR #23836/LSHM-130-02.5-L-DV-A-S-K-TR #26125

C	B2B connectors: standard profile , FPGA: without encryption module
D	B2B connectors: low profile, FPGA: without encryption module
T	Standard profile B2B connectors LSHM-150-04.0-H-DV-A-S-K-TR #30488/LSHM-130-04.0-H-DV-A-S-K-TR #30489 (30μ Gold on contact)