

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)