

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)