

Microsemi Polarfire based modules

										TEM	0003	-	03	-	5	D	I	2	1	-	A					
										1 2 3	4567	8	9 10	11	12	13	14	15	16	17	18					
Module type																										
TEM	Trenz Electronic																									
Module name																										
	0006	0007	0008																							
Module Revision																										
01	PCB Revision 1 (initial)																									
Device name																										
(M Microchip / RT Rad-Tolerant; PF Polarfire / PFS Polarfire SoC; T Transceivers / L Low Power / S Data Security)																										
A	B	C	D	F	G	H	J	K	M	N	P															
MPFT	MPFTL	MPFST	MPFTLS	MPFST	MPFSTL	MPFSTS	MPFSTLS	RTPFT	RTPFTL	RTPFST	RTPFTLS															
Size																										
A	B	D	F	G	H	J	K	M																		
025	095	100	160	200	250	300	460	500																		
Temperature / Speed (E/I/M) / (-I-1)																										
A / E		B		D		F		G												H						
E		E1		I1		I		M												M1						
DDR memory																										
0	Not populated																									
1	TEM0007: 1 GByte							Industrial												8 GBit - IS43LQ32256A-062BLI (LPDDR4)					#29797	
Flash memory																										
0	Not populated							-												-					-	
1	TEM0007: 64 MByte							Industrial												512 MBit - MT25QU512ABB8E12-0SIT					#29292	
eMMC																										
-	Not present							-												-					-	
Other options (Connectors, custom options)																										
Module	Variation		Description																							
All	A		Standard connector height																							
	L		Low profile connector height																							
	C		Standard connector height																							
	D		Low profile connector height																							
	...		Custom assembly variant, look additional table below																							

Other assembly variations (position 18)

Module	Variation	Description
TEM0007	A	Standard profile B2B connectors LSHM-150-04.0-L-DV-A-S-K-TR #23838