

Microsemi Smartfusion 2 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																								
	0001	0002	0005																					
Module Revision																								
01	PCB Revision 1 (initial)																							
Feature / Speed (-/T/S/TS) / (-/I)																								
A	B	D	F	G	H	J	K													Smartfusion 2				
-	-1	TS-	TS1	T-	T1	S-	S1																	
Size																								
A	B	D	F	G	H	J																		
005	010	025	050	060	090	150																		
Temperature (Commercial/Industrial/Automotive)																								
C	I	M																						
C	I	M																						
SDRAM / DDR Memory																								
-	Not present																							
0	Not populated																							
1	TEM0005: 256 MByte DDR									Industrial				2 GBit - IS43TR16128CL-125KBLI				#29195						
2	TEM0001: 8 MByte SDRAM									Commercial				64 Mbit - W9864G6JT-6				#28045						
3	TEM0001: 8 MByte SDRAM									Industrial				64 Mbit - W9864G6JT-6I				#28701						
Flash memory																								
0	Not populated									-				-				-						
1	TEM0005: 32 MByte									Industrial Ext.				256 Mbit - IS25LP256D-JHLE				#29170						
2	TEM0001: 8MByte									Industrial				64Mbit - W25Q64JVSSIQ				#32249						
eMMC																								
-	Not present (for TEM0005)									-				-				-						
Blank	TEM0001																							
Other options (Connectors, custom options)																								
Module		Variation		Description																				
All		A		Standard assembly variant																				
		L		Low profile connector height																				
		...		Custom assembly variant, look additional table below																				
TEM0001		Blank																						