

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																							