



Material Content Data Sheet



Sales Product Name		TLS810D1LD V50		Issued		1. August 2018		
MA#		MA001350370						
Package		PG-TSON-10-2		Weight*		31.71 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.996	3.14	3.14	31406	31406
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		105	
	non noble metal	zinc	7440-66-6	0.013	0.04		418	
	non noble metal	iron	7439-89-6	0.265	0.84		8366	
wire	non noble metal	copper	7440-50-8	10.773	33.97	34.86	339700	348589
	non noble metal	copper	7440-50-8	0.030	0.10	0.10	958	958
	encapsulation	organic material	carbon black	1333-86-4	0.038	0.12		1185
plastics	plastics	epoxy resin	-	1.935	6.10		61016	
	inorganic material	silicondioxide	60676-86-0	16.814	53.02	59.24	530190	592391
leadfinish	non noble metal	tin	7440-31-5	0.370	1.17	1.17	11670	11670
plating	noble metal	silver	7440-22-4	0.064	0.20	0.20	2026	2026
glue	plastics	epoxy resin	-	0.103	0.32		3240	
	noble metal	silver	7440-22-4	0.308	0.97	1.29	9720	12960
*deviation	< 10%					Sum in total:	100.00	1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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