



## Material Content Data Sheet



<b>Sales Product Name</b>		TLI5012B E1000		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001420916						
<b>Package</b>		PG-DSO-8-16		<b>Weight*</b>		83.56 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	3.535	4.23	4.23	42300	42300
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.036	0.04		429	
	non noble metal	iron	7439-89-6	0.717	0.86		8583	
wire	non noble metal	copper	7440-50-8	29.121	34.85	35.76	348516	357635
	noble metal	gold	7440-57-5	0.154	0.18	0.18	1840	1840
	encapsulation	organic material	carbon black	1333-86-4	0.094	0.11		1124
plastics		epoxy resin	-	4.321	5.17		51708	
	inorganic material	silicondioxide	60676-86-0	42.548	50.92	56.20	509213	562045
leadfinish	non noble metal	tin	7440-31-5	0.824	0.99	0.99	9862	9862
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7782	7782
glue	plastics	acrylic resin	-	0.341	0.41		4078	
	noble metal	silver	7440-22-4	1.208	1.45	1.86	14458	18536
*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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