



## Material Content Data Sheet



<b>Sales Product Name</b>		ITS4040D-EP-D		<b>Issued</b>		10. August 2018			
<b>MA#</b>		MA001718796							
<b>Package</b>		PG-TSDSO-14-41		<b>Weight*</b>		65.27 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	3.857	5.91	5.91	59097	59097	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		143		
		non noble metal	zinc	7440-66-6	0.037	0.06		571	
		non noble metal	iron	7439-89-6	0.745	1.14		11413	
wire	non noble metal	non noble metal	copper	7440-50-8	30.247	46.34	47.55	463407	475534
		non noble metal	copper	7440-50-8	0.323	0.50	0.50	4952	4952
		encapsulation	organic material	carbon black	1333-86-4	0.079	0.12		1218
encapsulation	plastics	plastics	epoxy resin	-	3.100	4.75		47493	
		inorganic material	silicondioxide	60676-86-0	23.315	35.72	40.59	357213	405924
		leadfinish	non noble metal	tin	7440-31-5	1.642	2.52	2.52	25151
plating	noble metal	silver	7440-22-4	0.823	1.26	1.26	12603	12603	
glue	plastics	plastics	epoxy resin	-	0.191	0.29		2929	
		noble metal	silver	7440-22-4	0.901	1.38	1.67	13810	16739
*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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