



## Material Content Data Sheet



<b>Sales Product Name</b>		ITS716G		<b>Issued</b>		26. September 2017		
<b>MA#</b>		MA001361858						
<b>Package</b>		PG-DSO-20-32		<b>Weight*</b>		478.55 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	7.009	1.46	1.46	14647	14647
leadframe	inorganic material	phosphorus	7723-14-0	0.036	0.01		75	
	non noble metal	zinc	7440-66-6	0.143	0.03		299	
	non noble metal	iron	7439-89-6	2.862	0.60		5980	
wire	non noble metal	copper	7440-50-8	116.197	24.28	24.92	242807	249161
	non noble metal	aluminium	7429-90-5	0.430	0.09	0.09	899	899
	encapsulation	organic material	carbon black	1333-86-4	0.692	0.14		1446
plastics	plastics	epoxy resin	-	31.821	6.65		66495	
	inorganic material	silicondioxide	60676-86-0	313.370	65.49	72.28	654827	722768
leadfinish	non noble metal	tin	7440-31-5	2.780	0.58	0.58	5810	5810
plating	noble metal	silver	7440-22-4	1.177	0.25	0.25	2459	2459
glue	plastics	epoxy resin	-	0.356	0.07		745	
	noble metal	silver	7440-22-4	1.680	0.35	0.42	3511	4256
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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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