



## Material Content Data Sheet



<b>Sales Product Name</b>		ITS716G		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA001361856						
<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	epoxy resin	-	31.821	6.65		66495	
		inorganic material	silicondioxide	60676-86-0	313.370	65.49	72.28	654827
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
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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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