



Material Content Data Sheet



Sales Product Name		ITS716G		Issued		3. July 2019		
MA#		MA002655416						
Package		PG-DSO-20-32		Weight*		478.78 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	3.505	0.73	0.73	7320	7320
chip_2	inorganic material	silicon	7440-21-3	3.505	0.73	0.73	7320	7320
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		5977	
wire	non noble metal	copper	7440-50-8	116.197	24.27	24.91	242692	249043
	non noble metal	aluminium	7429-90-5	0.431	0.09	0.09	901	901
	organic material	carbon black	1333-86-4	0.692	0.14		1445	
encapsulation	plastics	epoxy resin	-	31.814	6.64		66447	
	inorganic material	silicondioxide	60676-86-0	313.297	65.45	72.23	654362	722254
leadfinish	non noble metal	tin	7440-31-5	2.746	0.57	0.57	5735	5735
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		2	
	non noble metal	nickel	7440-02-0	0.341	0.07		713	
	noble metal	silver	7440-22-4	1.177	0.25	0.32	2458	3173
glue	plastics	epoxy resin	-	0.356	0.07		744	
	noble metal	silver	7440-22-4	1.680	0.35	0.42	3510	4254
*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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