



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE2PCS05G		<b>Issued</b>		26. September 2017		
<b>MA#</b>		MA001051836						
<b>Package</b>		PG-DSO-8-41		<b>Weight*</b>		80.84 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	1.787	2.21	2.21	22105	22105
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		416	
	non noble metal	iron	7439-89-6	0.673	0.83		8327	
wire	non noble metal	copper	7440-50-8	27.330	33.81	34.69	338092	346939
	noble metal	gold	7440-57-5	0.120	0.15	0.15	1484	1484
	encapsulation	organic material	carbon black	1333-86-4	0.146	0.18		1812
plastics	plastics	epoxy resin	-	4.736	5.86		58584	
	inorganic material	silicondioxide	60676-86-0	43.939	54.35	60.39	543558	603954
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10068	10068
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1108	1108
glue	plastics	acrylic resin	-	0.232	0.29		2868	
	noble metal	silver	7440-22-4	0.927	1.15	1.44	11474	14342
*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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