



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE5AR0680AG		<b>Issued</b>		1. August 2018			
<b>MA#</b>		MA001976930							
<b>Package</b>		PG-DSO-12-21		<b>Weight*</b>		155.31 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	4.052	2.61	2.61	26090	26090	
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112		
	non noble metal	zinc	7440-66-6	0.069	0.04		446		
	non noble metal	iron	7439-89-6	1.386	0.89		8925		
wire	non noble metal	copper	7440-50-8	56.286	36.24	37.18	362412	371895	
	noble metal	palladium	7440-05-3	0.001	0.00		6		
	non noble metal	copper	7440-50-8	0.092	0.06	0.06	591	597	
encapsulation	organic material	carbon black	1333-86-4	0.271	0.17		1748		
	plastics	epoxy resin	-	10.587	6.82		68164		
	inorganic material	silicondioxide	60676-86-0	79.625	51.27	58.26	512689	582601	
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7357	7357	
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2759	2759	
glue	plastics	epoxy resin	-	0.203	0.13		1305		
	noble metal	silver	7440-22-4	1.149	0.74	0.87	7396	8701	
*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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