



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE3BR0680JZ		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA001118212						
<b>Package</b>		PG-DIP-7-4		<b>Weight*</b>		654.35 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	12.522	1.91	1.91	19136	19136
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		74	
	non noble metal	zinc	7440-66-6	0.194	0.03		297	
	non noble metal	iron	7439-89-6	3.884	0.59		5936	
wire	non noble metal	copper	7440-50-8	157.726	24.10	24.73	241043	247350
	noble metal	gold	7440-57-5	0.251	0.04	0.04	384	384
	encapsulation	organic material	carbon black	1333-86-4	1.405	0.21		2147
encapsulation	plastics	epoxy resin	-	45.428	6.94		69426	
	inorganic material	silicondioxide	60676-86-0	421.501	64.43	71.58	644154	715727
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9872	9872
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2920	2920
glue	plastics	epoxy resin	-	0.453	0.07		692	
	noble metal	silver	7440-22-4	2.564	0.39	0.46	3919	4611
*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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