



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE3AR1080VJZ		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA002039068						
<b>Package</b>		PG-DIP-7-3		<b>Weight*</b>		645.75 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	6.579	1.02	1.02	10188	10188
leadframe	inorganic material	phosphorus	7723-14-0	0.048	0.01		75	
	non noble metal	zinc	7440-66-6	0.194	0.03		300	
	non noble metal	iron	7439-89-6	3.872	0.60		5996	
wire	non noble metal	copper	7440-50-8	157.218	24.35	24.99	243465	249836
	noble metal	gold	7440-57-5	0.392	0.06	0.06	607	607
	encapsulation	organic material	carbon black	1333-86-4	2.335	0.36		3615
encapsulation	plastics	epoxy resin	-	63.034	9.76		97614	
	inorganic material	silicondioxide	60676-86-0	401.550	62.17	72.29	621837	723066
leadfinish	non noble metal	tin	7440-31-5	6.460	1.00	1.00	10003	10003
plating	noble metal	silver	7440-22-4	1.594	0.25	0.25	2469	2469
glue	plastics	epoxy resin	-	0.433	0.07		670	
	noble metal	silver	7440-22-4	2.041	0.32	0.39	3161	3831
*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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