



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE3AR4780VJZ		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001860912						
<b>Package</b>		PG-DIP-7-3		<b>Weight*</b>		645.07 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	3.649	0.57	0.57	5657	5657
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		6002	
wire	non noble metal	copper	7440-50-8	157.218	24.37	25.01	243723	250100
	noble metal	gold	7440-57-5	0.420	0.07	0.07	651	651
	encapsulation	organic material	carbon black	1333-86-4	2.349	0.36		3641
encapsulation	plastics	epoxy resin	-	63.418	9.83		98312	
	inorganic material	silicondioxide	60676-86-0	403.995	62.62	72.81	626282	728235
leadfinish	non noble metal	tin	7440-31-5	6.460	1.00	1.00	10014	10014
plating	noble metal	silver	7440-22-4	1.594	0.25	0.25	2471	2471
glue	plastics	epoxy resin	-	0.324	0.05		503	
	noble metal	silver	7440-22-4	1.528	0.24	0.29	2369	2872
*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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