



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE5AR4780BZS		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001731854						
<b>Package</b>		PG-DIP-7-5		<b>Weight*</b>		567.41 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	1.303	0.23	0.23	2296	2296
leadframe	inorganic material	phosphorus	7723-14-0	0.054	0.01		95	
	non noble metal	zinc	7440-66-6	0.215	0.04		379	
	non noble metal	iron	7439-89-6	4.297	0.76		7573	
wire	non noble metal	copper	7440-50-8	174.486	30.75	31.56	307512	315559
	noble metal	palladium	7440-05-3	0.001	0.00		2	
	non noble metal	copper	7440-50-8	0.121	0.02	0.02	213	215
encapsulation	organic material	carbon black	1333-86-4	3.767	0.66		6640	
	plastics	epoxy resin	-	71.580	12.62		126152	
	inorganic material	silicondioxide	60676-86-0	301.391	53.12	66.40	531168	663960
leadfinish	non noble metal	tin	7440-31-5	8.009	1.41	1.41	14116	14116
plating	noble metal	silver	7440-22-4	1.467	0.26	0.26	2585	2585
glue	plastics	epoxy resin	-	0.126	0.02		222	
	noble metal	silver	7440-22-4	0.594	0.10	0.12	1047	1269
*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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