



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE3AR2280VJZ		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001147694						
<b>Package</b>		PG-DIP-7-4		<b>Weight*</b>		652.86 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	4.427	0.68	0.68	6781	6781
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		74	
	non noble metal	zinc	7440-66-6	0.194	0.03		298	
	non noble metal	iron	7439-89-6	3.884	0.60		5950	
wire	non noble metal	copper	7440-50-8	157.726	24.16	24.80	241591	247913
	noble metal	gold	7440-57-5	0.281	0.04	0.04	431	431
	encapsulation	organic material	carbon black	1333-86-4	1.428	0.22		2187
encapsulation	plastics	epoxy resin	-	46.163	7.07		70708	
	inorganic material	silicondioxide	60676-86-0	428.316	65.60	72.89	656057	728952
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9894	9894
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2927	2927
glue	plastics	epoxy resin	-	0.304	0.05		465	
	noble metal	silver	7440-22-4	1.722	0.26	0.31	2637	3102
*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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