



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE3AR0680VJZ		<b>Issued</b>		25. January 2018		
<b>MA#</b>		MA001860910						
<b>Package</b>		PG-DIP-7-3		<b>Weight*</b>		646.13 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	8.340	1.29	1.29	12908	12908
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		5993	
wire	non noble metal	copper	7440-50-8	157.218	24.33	24.97	243324	249692
	noble metal	gold	7440-57-5	0.382	0.06	0.06	591	591
	encapsulation	organic material	carbon black	1333-86-4	2.326	0.36		3600
encapsulation	plastics	epoxy resin	-	62.810	9.72		97210	
	inorganic material	silicondioxide	60676-86-0	400.122	61.93	72.01	619265	720075
leadfinish	non noble metal	tin	7440-31-5	6.460	1.00	1.00	9997	9997
plating	noble metal	silver	7440-22-4	1.594	0.25	0.25	2467	2467
glue	plastics	epoxy resin	-	0.483	0.07		747	
	noble metal	silver	7440-22-4	2.277	0.35	0.42	3523	4270
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com