



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE5QR0680AZ		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA001633546						
<b>Package</b>		PG-DIP-7-6		<b>Weight*</b>		652.37 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	4.091	0.63	0.63	6271	6271
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		5954	
wire	non noble metal	copper	7440-50-8	157.726	24.18	24.82	241775	248101
	noble metal	palladium	7440-05-3	0.001	0.00		2	
	non noble metal	copper	7440-50-8	0.116	0.02	0.02	177	179
encapsulation	organic material	carbon black	1333-86-4	1.430	0.22		2192	
	plastics	epoxy resin	-	46.227	7.09		70861	
	inorganic material	silicondioxide	60676-86-0	428.915	65.73	73.04	657476	730529
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9902	9902
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2929	2929
glue	plastics	epoxy resin	-	0.204	0.03		313	
	noble metal	silver	7440-22-4	1.159	0.18	0.21	1776	2089
*deviation	< 10%					Sum in total:	100.00	1000000

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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