



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE5QR2270AZ		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001994482						
<b>Package</b>		PG-DIP-7-6		<b>Weight*</b>		651.93 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	2.187	0.34	0.34	3355	3355
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		5958	
wire	non noble metal	copper	7440-50-8	157.726	24.19	24.83	241936	248266
	noble metal	palladium	7440-05-3	0.001	0.00		2	
	non noble metal	copper	7440-50-8	0.111	0.02	0.02	170	172
encapsulation	organic material	carbon black	1333-86-4	1.435	0.22		2202	
	plastics	epoxy resin	-	46.410	7.12		71188	
	inorganic material	silicondioxide	60676-86-0	430.604	66.04	73.38	660504	733894
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9908	9908
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2931	2931
glue	plastics	epoxy resin	-	0.144	0.02		221	
	noble metal	silver	7440-22-4	0.817	0.13	0.15	1253	1474
*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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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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