



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE5QR2280AZ		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001633550						
<b>Package</b>		PG-DIP-7-6		<b>Weight*</b>		651.94 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	2.171	0.33	0.33	3330	3330
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	241935	248265
	noble metal	palladium	7440-05-3	0.001	0.00		2	
	non noble metal	copper	7440-50-8	0.115	0.02	0.02	176	178
encapsulation	organic material	carbon black	1333-86-4	1.435	0.22		2202	
	plastics	epoxy resin	-	46.411	7.12		71189	
	inorganic material	silicondioxide	60676-86-0	430.613	66.05	73.39	660513	733904
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	-	0.145	0.02		223	
	noble metal	silver	7440-22-4	0.822	0.13	0.15	1261	1484
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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