

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2QR0665Z	**Issued**	30. March 2021
MA#	MA000979466		
Package	PG-DIP-7-4	**Weight***	653.20 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	6.023	0.92	0.92	9221	9221
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		74	
	non noble metal	zinc	7440-66-6	0.194	0.03		297	
	non noble metal	iron	7439-89-6	3.884	0.59		5947	
	non noble metal	copper	7440-50-8	157.726	24.15	24.78	241469	247787
wire	noble metal	gold	7440-57-5	0.262	0.04	0.04	401	401
encapsulation	organic material	carbon black	1333-86-4	1.423	0.22		2179	
	plastics	epoxy resin	-	46.012	7.04		70442	
	inorganic material	silicondioxide	60676-86-0	426.915	65.37	72.63	653580	726201
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9889	9889
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2925	2925
glue	plastics	epoxy resin	-	0.350	0.05		536	
	noble metal	silver	7440-22-4	1.986	0.30	0.35	3040	3576
*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.

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