

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2QR0680Z	**Issued**	30. March 2021
MA#	MA001006006		
Package	PG-DIP-7-4	**Weight***	653.63 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.769	0.27	0.27	2706	2706
chip_2	inorganic material	silicon	7440-21-3	6.261	0.96	0.96	9579	9579
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		5943	
	non noble metal	copper	7440-50-8	157.726	24.13	24.76	241307	247621
wire	noble metal	gold	7440-57-5	0.292	0.04	0.04	447	447
encapsulation	organic material	carbon black	1333-86-4	1.417	0.22		2168	
	plastics	epoxy resin	-	45.825	7.01		70108	
	inorganic material	silicondioxide	60676-86-0	425.182	65.05	72.28	650492	722768
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9883	9883
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2923	2923
glue	plastics	epoxy resin	-	0.399	0.06		611	
	noble metal	silver	7440-22-4	2.263	0.35	0.41	3462	4073
*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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