

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2QR2280Z-1	**Issued**	28. January 2020
MA#	MA001095628		
Package	PG-DIP-7-4	**Weight***	652.77 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	2710	2710
chip_2	inorganic material	silicon	7440-21-3	2.347	0.36	0.36	3596	3596
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		5951	
	non noble metal	copper	7440-50-8	157.726	24.16	24.80	241624	247947
wire	noble metal	gold	7440-57-5	0.274	0.04	0.04	420	420
encapsulation	organic material	carbon black	1333-86-4	1.429	0.22		2189	
	plastics	epoxy resin	-	46.194	7.08		70766	
	inorganic material	silicondioxide	60676-86-0	428.608	65.66	72.96	656596	729551
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9896	9896
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2927	2927
glue	plastics	epoxy resin	-	0.289	0.04		443	
	noble metal	silver	7440-22-4	1.639	0.25	0.29	2510	2953
*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