

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2QR4765	**Issued**	30. March 2021
MA#	MA000966544		
Package	PG-DIP-8-13	**Weight***	557.05 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	0.32	0.32	3175	3175
chip_2	inorganic material	silicon	7440-21-3	1.025	0.18	0.18	1840	1840
leadframe	inorganic material	phosphorus	7723-14-0	0.054	0.01		96	
	non noble metal	zinc	7440-66-6	0.215	0.04		386	
	non noble metal	iron	7439-89-6	4.297	0.77		7714	
	non noble metal	copper	7440-50-8	174.475	31.32	32.14	313215	321411
wire	noble metal	gold	7440-57-5	0.263	0.05	0.05	472	472
encapsulation	organic material	carbon black	1333-86-4	1.095	0.20		1966	
	plastics	epoxy resin	-	35.409	6.36		63565	
	inorganic material	silicondioxide	60676-86-0	328.533	58.97	65.53	589778	655309
leadfinish	non noble metal	tin	7440-31-5	7.496	1.35	1.35	13457	13457
plating	noble metal	silver	7440-22-4	0.796	0.14	0.14	1429	1429
glue	plastics	epoxy resin	-	0.243	0.04		436	
	noble metal	silver	7440-22-4	1.377	0.25	0.29	2471	2907
*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 Neubiberg
Internet	www.infineon.com