

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2QR4765	**Issued**	30. March 2021
MA#	MA000980958		
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	inorganic material	silicon	7440-21-3	2.794	0.50	0.50	5016	5016
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	589777	655308
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.
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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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