

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2QR1765	**Issued**	30. March 2021
MA#	MA000956154		
Package	PG-DIP-8-13	**Weight***	557.25 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	3174	3174
chip_2	inorganic material	silicon	7440-21-3	1.890	0.34	0.34	3391	3391
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		7711	
	non noble metal	copper	7440-50-8	174.475	31.31	32.13	313099	321292
wire	noble metal	gold	7440-57-5	0.263	0.05	0.05	472	472
encapsulation	organic material	carbon black	1333-86-4	1.093	0.20		1961	
	plastics	epoxy resin	-	35.324	6.34		63390	
	inorganic material	silicondioxide	60676-86-0	327.753	58.80	65.34	588159	653510
leadfinish	non noble metal	tin	7440-31-5	7.496	1.35	1.35	13452	13452
plating	noble metal	silver	7440-22-4	0.796	0.14	0.14	1428	1428
glue	plastics	epoxy resin	-	0.274	0.05		492	
	noble metal	silver	7440-22-4	1.554	0.28	0.33	2789	3281
*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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