



Material Content Data Sheet



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.
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.
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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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