

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2QS03	**Issued**	03. May 2021
MA#	MA000980968		
Package	PG-DIP-8-13	**Weight***	556.77 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	0.32	0.32	3177	3177
chip_2	inorganic material	silicon	7440-21-3	0.223	0.04	0.04	401	401
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		7718	
	non noble metal	copper	7440-50-8	174.475	31.34	32.16	313370	321570
wire	noble metal	gold	7440-57-5	0.220	0.04	0.04	395	395
encapsulation	organic material	carbon black	1333-86-4	1.098	0.20		1972	
	plastics	epoxy resin	-	35.493	6.37		63748	
	inorganic material	silicondioxide	60676-86-0	329.313	59.14	65.71	591472	657192
leadfinish	non noble metal	tin	7440-31-5	7.496	1.35	1.35	13463	13463
plating	noble metal	silver	7440-22-4	0.796	0.14	0.14	1429	1429
glue	plastics	epoxy resin	-	0.198	0.04		356	
	noble metal	silver	7440-22-4	1.123	0.20	0.24	2017	2373
*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.

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