

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2A165	**Issued**	28. October 2019
MA#	MA001115474		
Package	PG-DIP-8-13	**Weight***	557.51 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	1.270	0.23	0.23	2278	2278
chip_2	inorganic material	silicon	7440-21-3	3.575	0.64	0.64	6413	6413
leadframe	inorganic material	phosphorus	7723-14-0	0.054	0.01		96	
	non noble metal	zinc	7440-66-6	0.215	0.04		385	
	non noble metal	iron	7439-89-6	4.297	0.77		7707	
	non noble metal	copper	7440-50-8	174.475	31.30	32.12	312956	321144
wire	noble metal	gold	7440-57-5	0.185	0.03	0.03	332	332
encapsulation	organic material	carbon black	1333-86-4	1.089	0.20		1953	
	plastics	epoxy resin	-	35.205	6.31		63147	
	inorganic material	silicondioxide	60676-86-0	326.641	58.59	65.10	585898	650998
leadfinish	non noble metal	tin	7440-31-5	7.496	1.34	1.34	13445	13445
plating	noble metal	silver	7440-22-4	0.796	0.14	0.14	1427	1427
glue	plastics	epoxy resin	-	0.331	0.06		594	
	noble metal	silver	7440-22-4	1.878	0.34	0.40	3369	3963
*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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