

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3B1565J	**Issued**	02. June 2021
MA#	MA000974338		
Package	PG-DIP-8-13	**Weight***	557.14 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	1.890	0.34	0.34	3392	3392
chip_2	inorganic material	silicon	7440-21-3	1.366	0.25	0.25	2451	2451
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		7713	
	non noble metal	copper	7440-50-8	174.475	31.32	32.14	313160	321355
wire	noble metal	gold	7440-57-5	0.268	0.05	0.05	480	480
encapsulation	organic material	carbon black	1333-86-4	1.094	0.20		1963	
	plastics	epoxy resin	-	35.366	6.35		63477	
	inorganic material	silicondioxide	60676-86-0	328.135	58.87	65.42	588961	654401
leadfinish	non noble metal	tin	7440-31-5	7.496	1.35	1.35	13454	13454
plating	noble metal	silver	7440-22-4	0.796	0.14	0.14	1428	1428
glue	plastics	epoxy resin	-	0.254	0.05		456	
	noble metal	silver	7440-22-4	1.439	0.26	0.31	2583	3039
*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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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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