



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ICE3B1565J	<b>Issued</b>	03. May 2021
<b>MA#</b>	MA000981090		
<b>Package</b>	PG-DIP-8-13	<b>Weight*</b>	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	1.366	0.25	0.25	2451	2451
chip_2	inorganic material	silicon	7440-21-3	1.890	0.34	0.34	3392	3392
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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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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