



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ICE3A1065ELJ	<b>Issued</b>	23. June 2021
<b>MA#</b>	MA005547813		
<b>Package</b>	PG-DIP-8-13	<b>Weight*</b>	556.79 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	1.312	0.24	0.24	2356	2356
chip_2	inorganic material	silicon	7440-21-3	1.312	0.24	0.24	2356	2356
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		7717	
	non noble metal	copper	7440-50-8	174.475	31.34	32.16	313360	321559
wire	noble metal	gold	7440-57-5	0.266	0.05	0.05	478	478
encapsulation	organic material	carbon black	1333-86-4	1.096	0.20		1969	
	plastics	epoxy resin	-	35.452	6.37		63673	
	inorganic material	silicondioxide	60676-86-0	328.938	59.06	65.63	590779	656421
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	-	0.162	0.03		291	
	noble metal	silver	7440-22-4	0.917	0.16	0.19	1647	1938
*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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