



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ICE3B0565	<b>Issued</b>	30. March 2021
<b>MA#</b>	MA000956652		
<b>Package</b>	PG-DIP-8-13	<b>Weight*</b>	556.90 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	1.025	0.18	0.18	1841	1841
chip_2	inorganic material	silicon	7440-21-3	2.237	0.40	0.40	4017	4017
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		7716	
	non noble metal	copper	7440-50-8	174.475	31.33	32.15	313294	321492
wire	noble metal	gold	7440-57-5	0.238	0.04	0.04	428	428
encapsulation	organic material	carbon black	1333-86-4	1.095	0.20		1966	
	plastics	epoxy resin	-	35.392	6.36		63551	
	inorganic material	silicondioxide	60676-86-0	328.378	58.97	65.53	589649	655166
leadfinish	non noble metal	tin	7440-31-5	7.496	1.35	1.35	13460	13460
plating	noble metal	silver	7440-22-4	0.796	0.14	0.14	1429	1429
glue	plastics	epoxy resin	-	0.181	0.03		325	
	noble metal	silver	7440-22-4	1.026	0.18	0.21	1842	2167
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com