

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3B0565	**Issued**	30. March 2021
MA#	MA000956652		
Package	PG-DIP-8-13	**Weight***	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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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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