



Material Content Data Sheet



Halogen-Free

Sales Product Name	ICE3A0565Z	Issued	30. March 2021
MA#	MA000988912		
Package	PG-DIP-7-4	Weight*	652.31 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	0.16	0.16	1571	1571
chip_2	inorganic material	silicon	7440-21-3	2.237	0.34	0.34	3430	3430
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		74	
	non noble metal	zinc	7440-66-6	0.194	0.03		298	
	non noble metal	iron	7439-89-6	3.884	0.60		5955	
	non noble metal	copper	7440-50-8	157.726	24.18	24.82	241795	248122
wire	noble metal	gold	7440-57-5	0.242	0.04	0.04	371	371
encapsulation	organic material	carbon black	1333-86-4	1.432	0.22		2195	
	plastics	epoxy resin	-	46.306	7.10		70987	
	inorganic material	silicondioxide	60676-86-0	429.641	65.85	73.17	658643	731825
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9903	9903
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2929	2929
glue	plastics	epoxy resin	-	0.181	0.03		277	
	noble metal	silver	7440-22-4	1.026	0.16	0.19	1572	1849
*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.

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