

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3A1565	**Issued**	30. March 2021
MA#	MA000966578		
Package	PG-DIP-8-13	**Weight***	557.11 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	1.890	0.34	0.34	3392	3392
chip_2	inorganic material	silicon	7440-21-3	2.237	0.40	0.40	4016	4016
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	313179	321374
wire	noble metal	gold	7440-57-5	0.236	0.04	0.04	424	424
encapsulation	organic material	carbon black	1333-86-4	1.092	0.20		1960	
	plastics	epoxy resin	-	35.308	6.34		63377	
	inorganic material	silicondioxide	60676-86-0	327.598	58.79	65.33	588032	653369
leadfinish	non noble metal	tin	7440-31-5	7.496	1.35	1.35	13455	13455
plating	noble metal	silver	7440-22-4	0.796	0.14	0.14	1429	1429
glue	plastics	epoxy resin	-	0.212	0.04		381	
	noble metal	silver	7440-22-4	1.203	0.22	0.26	2160	2541
*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