

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2A280Z	**Issued**	23. June 2021
MA#	MA005537933		
Package	PG-DIP-7-4	**Weight***	653.75 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	3.575	0.55	0.55	5469	5469
chip_2	inorganic material	silicon	7440-21-3	4.945	0.76	0.76	7563	7563
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		74	
	non noble metal	zinc	7440-66-6	0.194	0.03		297	
	non noble metal	iron	7439-89-6	3.884	0.59		5942	
	non noble metal	copper	7440-50-8	157.726	24.13	24.76	241263	247576
wire	noble metal	gold	7440-57-5	0.205	0.03	0.03	314	314
encapsulation	organic material	carbon black	1333-86-4	1.416	0.22		2165	
	plastics	epoxy resin	-	45.768	7.00		70009	
	inorganic material	silicondioxide	60676-86-0	424.656	64.94	72.16	649568	721742
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9881	9881
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2923	2923
glue	plastics	epoxy resin	-	0.444	0.07		680	
	noble metal	silver	7440-22-4	2.518	0.39	0.46	3852	4532
*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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