

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2A180Z	**Issued**	23. June 2021
MA#	MA005537915		
Package	PG-DIP-7-4	**Weight***	653.06 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	5475	5475
chip_2	inorganic material	silicon	7440-21-3	1.898	0.29	0.29	2907	2907
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		5948	
	non noble metal	copper	7440-50-8	157.726	24.15	24.78	241519	247838
wire	noble metal	gold	7440-57-5	0.181	0.03	0.03	277	277
encapsulation	organic material	carbon black	1333-86-4	1.424	0.22		2181	
	plastics	epoxy resin	-	46.058	7.05		70527	
	inorganic material	silicondioxide	60676-86-0	427.342	65.44	72.71	654372	727080
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9891	9891
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2926	2926
glue	plastics	epoxy resin	-	0.353	0.05		541	
	noble metal	silver	7440-22-4	2.002	0.31	0.36	3065	3606
*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.

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