

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3AR2280JZ	**Issued**	12. July 2021
MA#	MA001017840		
Package	PG-DIP-7-4	**Weight***	652.86 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	2.080	0.32	0.32	3185	3185
chip_2	inorganic material	silicon	7440-21-3	2.347	0.36	0.36	3595	3595
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		5950	
	non noble metal	copper	7440-50-8	157.726	24.16	24.80	241594	247916
wire	noble metal	gold	7440-57-5	0.273	0.04	0.04	418	418
encapsulation	organic material	carbon black	1333-86-4	1.428	0.22		2187	
	plastics	epoxy resin	-	46.163	7.07		70709	
	inorganic material	silicondioxide	60676-86-0	428.316	65.60	72.89	656067	728963
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9894	9894
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2927	2927
glue	plastics	epoxy resin	-	0.304	0.05		465	
	noble metal	silver	7440-22-4	1.722	0.26	0.31	2637	3102
*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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