



Material Content Data Sheet



Halogen-Free

Sales Product Name	ICE3AR4780CJZ	Issued	23. June 2021
MA#	MA005538248		
Package	PG-DIP-7-4	Weight*	653.14 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	2.284	0.35	0.35	3498	3498
chip_2	inorganic material	silicon	7440-21-3	2.284	0.35	0.35	3498	3498
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		5947	
	non noble metal	copper	7440-50-8	157.726	24.15	24.78	241490	247808
wire	noble metal	gold	7440-57-5	0.269	0.04	0.04	413	413
encapsulation	organic material	carbon black	1333-86-4	1.426	0.22		2184	
	plastics	epoxy resin	-	46.118	7.06		70611	
	inorganic material	silicondioxide	60676-86-0	427.902	65.52	72.80	655151	727946
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9890	9890
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2925	2925
glue	plastics	epoxy resin	-	0.394	0.06		603	
	noble metal	silver	7440-22-4	2.233	0.34	0.40	3419	4022
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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