

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5AR4770BZS	**Issued**	12. April 2021
MA#	MA005399266		
Package	PG-DIP-7-6	**Weight***	651.96 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	0.893	0.14	0.14	1370	1370
chip_2	inorganic material	silicon	7440-21-3	0.624	0.10	0.10	957	957
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		5958	
	non noble metal	copper	7440-50-8	157.726	24.19	24.83	241926	248256
wires	noble metal	palladium	7440-05-3	0.001			2	
	non noble metal	copper	7440-50-8	0.116	0.02	0.02	179	181
encapsulation	organic material	carbon black	1333-86-4	1.437	0.22		2204	
	plastics	epoxy resin	-	46.452	7.12		71250	
	inorganic material	silicondioxide	60676-86-0	431.000	66.10	73.44	661083	734537
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9908	9908
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2931	2931
glue	plastics	epoxy resin	-	0.182	0.03		279	
	noble metal	silver	7440-22-4	1.030	0.16	0.19	1581	1860
*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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