

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5AR0680BZS	**Issued**	1. September 2019
MA#	MA005400188		
Package	PG-DIP-7-6	**Weight***	652.36 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	3.428	0.53	0.53	5255	5255
chip_2	inorganic material	silicon	7440-21-3	0.624	0.10	0.10	956	956
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		5954	
	non noble metal	copper	7440-50-8	157.726	24.18	24.82	241777	248103
wires	noble metal	palladium	7440-05-3	0.001	0.00		2	
	non noble metal	copper	7440-50-8	0.120	0.02	0.02	184	186
encapsulation	organic material	carbon black	1333-86-4	1.430	0.22		2192	
	plastics	epoxy resin	-	46.231	7.09		70868	
	inorganic material	silicondioxide	60676-86-0	428.950	65.73	73.04	657537	730597
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9902	9902
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2929	2929
glue	plastics	epoxy resin	-	0.203	0.03		311	
	noble metal	silver	7440-22-4	1.149	0.18	0.21	1761	2072
*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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