



Material Content Data Sheet



Halogen-Free

Sales Product Name	ICE5QR0680AZ	Issued	11. May 2021
MA#	MA001633546		
Package	PG-DIP-7-6	Weight*	652.37 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	4.091	0.63	0.63	6271	6271
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	241775	248101
wire	noble metal	palladium	7440-05-3	0.001			2	
	non noble metal	copper	7440-50-8	0.116	0.02	0.02	177	179
encapsulation	organic material	carbon black	1333-86-4	1.430	0.22		2192	
	plastics	epoxy resin	-	46.227	7.09		70861	
	inorganic material	silicondioxide	60676-86-0	428.915	65.73	73.04	657476	730529
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	-	0.204	0.03		313	
	noble metal	silver	7440-22-4	1.159	0.18	0.21	1776	2089
*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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