

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5QR2280AZ	**Issued**	02. June 2021
MA#	MA001976928		
Package	PG-DIP-7-6	**Weight***	651.83 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	1.748	0.27	0.27	2682	2682
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		5959	
	non noble metal	copper	7440-50-8	157.726	24.20	24.84	241975	248306
wire	noble metal	palladium	7440-05-3	0.001			2	
	non noble metal	copper	7440-50-8	0.115	0.02	0.02	176	178
encapsulation	organic material	carbon black	1333-86-4	1.437	0.22		2204	
	plastics	epoxy resin	-	46.453	7.13		71265	
	inorganic material	silicondioxide	60676-86-0	431.004	66.11	73.46	661225	734694
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9910	9910
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2931	2931
glue	plastics	epoxy resin	-	0.127	0.02		195	
	noble metal	silver	7440-22-4	0.720	0.11	0.13	1104	1299
*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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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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