



Material Content Data Sheet



Sales Product Name		ICE5QR2280AZ		Issued		1. August 2018		
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	
wire	non noble metal	copper	7440-50-8	157.726	24.20	24.84	241975	248306
	noble metal	palladium	7440-05-3	0.001	0.00		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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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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