



Material Content Data Sheet



Sales Product Name		ICE5QR1070AZ		Issued		24. January 2018			
MA#		MA001686834							
Package		PG-DIP-7-6		Weight*		651.85 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	1.866	0.29	0.29	2862	2862	
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	241966	248297	
	noble metal	palladium	7440-05-3	0.001	0.00		2		
	non noble metal	copper	7440-50-8	0.110	0.02	0.02	168	170	
encapsulation	organic material	carbon black	1333-86-4	1.436	0.22		2203		
	plastics	epoxy resin	-	46.441	7.12		71245		
	inorganic material	silicondioxide	60676-86-0	430.899	66.10	73.44	661040	734488	
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	-	0.131	0.02		201		
	noble metal	silver	7440-22-4	0.744	0.11	0.13	1141	1342	
*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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