



Material Content Data Sheet



Sales Product Name		ICE2QR2280Z		Issued		22. January 2018			
MA#		MA001043206							
Package		PG-DIP-7-3		Weight*		645.16 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	4.116	0.64	0.64	6380	6380	
leadframe	inorganic material	phosphorus	7723-14-0	0.048	0.01		75		
	non noble metal	zinc	7440-66-6	0.194	0.03		300		
	non noble metal	iron	7439-89-6	3.872	0.60		6002		
wire	non noble metal	copper	7440-50-8	157.218	24.37	25.01	243689	250066	
	noble metal	gold	7440-57-5	0.406	0.06	0.06	630	630	
	encapsulation	organic material	carbon black	1333-86-4	2.347	0.36		3637	
encapsulation	plastics	epoxy resin	-	63.359	9.82		98206		
	inorganic material	silicondioxide	60676-86-0	403.618	62.56	72.74	625610	727453	
	leadfinish	non noble metal	tin	7440-31-5	6.460	1.00	1.00	10012	10012
plating	noble metal	silver	7440-22-4	1.594	0.25	0.25	2471	2471	
glue	plastics	epoxy resin	-	0.337	0.05		523		
	noble metal	silver	7440-22-4	1.591	0.25	0.30	2465	2988	
*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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