



Material Content Data Sheet



Sales Product Name		ICE2QR2280G-1		Issued		20. July 2018		
MA#		MA001599514						
Package		PG-DSO-12-19		Weight*		155.63 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	4.695	3.02	3.02	30164	30164
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		111	
	non noble metal	zinc	7440-66-6	0.069	0.04		445	
	non noble metal	iron	7439-89-6	1.386	0.89		8907	
wire	non noble metal	copper	7440-50-8	56.286	36.17	37.11	361657	371120
	noble metal	gold	7440-57-5	0.242	0.16	0.16	1556	1556
	encapsulation	organic material	carbon black	1333-86-4	0.269	0.17		1731
plastics	plastics	epoxy resin	-	10.509	6.75		67522	
	inorganic material	silicondioxide	60676-86-0	79.040	50.78	57.70	507859	577112
	leadfinish	non noble metal	tin	7440-31-5	1.143	0.73	0.73	7342
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2753	2753
glue	plastics	epoxy resin	-	0.232	0.15		1493	
	noble metal	silver	7440-22-4	1.317	0.85	1.00	8460	9953
*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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