



Material Content Data Sheet



Sales Product Name		ICE2QR2280G		Issued		25. September 2017		
MA#		MA001509400						
Package		PG-DSO-12-19		Weight*		155.31 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	3.371	2.17	2.17	21708	21708
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		446	
	non noble metal	iron	7439-89-6	1.386	0.89		8926	
wire	non noble metal	copper	7440-50-8	56.286	36.24	37.18	362413	371897
	noble metal	gold	7440-57-5	0.242	0.16	0.16	1559	1559
	encapsulation	organic material	carbon black	1333-86-4	0.273	0.18		1760
plastics		epoxy resin	-	10.662	6.86		68648	
	inorganic material	silicondioxide	60676-86-0	80.190	51.63	58.67	516327	586735
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7357	7357
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2759	2759
glue	plastics	epoxy resin	-	0.186	0.12		1198	
	noble metal	silver	7440-22-4	1.054	0.68	0.80	6787	7985
*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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