



Material Content Data Sheet



Sales Product Name		ICE2QR1765Z		Issued		1. August 2018		
MA#		MA000979476						
Package		PG-DIP-7-4		Weight*		652.47 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	3.779	0.58	0.58	5792	5792
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		5954	
wire	non noble metal	copper	7440-50-8	157.726	24.17	24.81	241738	248064
	noble metal	gold	7440-57-5	0.267	0.04	0.04	409	409
	encapsulation	organic material	carbon black	1333-86-4	1.431	0.22		2193
encapsulation	plastics	epoxy resin	-	46.254	7.09		70891	
	inorganic material	silicondioxide	60676-86-0	429.163	65.77	73.08	657754	730838
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9900	9900
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2928	2928
glue	plastics	epoxy resin	-	0.202	0.03		310	
	noble metal	silver	7440-22-4	1.147	0.18	0.21	1759	2069
*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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