



Material Content Data Sheet



Sales Product Name				ICE2QR4765G		Issued		24. January 2018	
MA#				MA001238028					
Package				PG-DSO-12-10		Weight*		208.76 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	2.049	0.98	0.98	9816	9816	
leadframe	inorganic material	phosphorus	7723-14-0	0.028	0.01		132		
	non noble metal	zinc	7440-66-6	0.110	0.05		529		
	non noble metal	iron	7439-89-6	2.210	1.06		10586		
wire	non noble metal	copper	7440-50-8	89.731	42.98	44.10	429821	441068	
	noble metal	gold	7440-57-5	0.339	0.16	0.16	1626	1626	
	encapsulation	organic material	carbon black	1333-86-4	0.226	0.11		1085	
encapsulation	plastics	epoxy resin	-	12.230	5.86		58584		
	inorganic material	silicondioxide	60676-86-0	100.786	48.28	54.25	482779	542448	
	leadfinish	noble metal	gold	7440-57-5	0.005	0.00		25	
plating	noble metal	silver	7440-22-4	0.003	0.00		14		
	noble metal	palladium	7440-05-3	0.003	0.00		16		
	non noble metal	nickel	7440-02-0	0.096	0.05	0.05	460	515	
	noble metal	gold	7440-57-5	0.001	0.00		3		
	noble metal	silver	7440-22-4	0.000	0.00		2		
glue	noble metal	palladium	7440-05-3	0.000	0.00		2		
	non noble metal	nickel	7440-02-0	0.012	0.01	0.01	57	64	
	plastics	epoxy resin	-	0.163	0.08		781		
*deviation	< 10%			0.769	0.37	0.45	3682	4463	
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com