



Material Content Data Sheet



Sales Product Name		ICE2QR4765G		Issued		26. September 2017		
MA#		MA001599500						
Package		PG-DSO-12-19		Weight*		154.97 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	1.32	1.32	13222	13222
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		447	
	non noble metal	iron	7439-89-6	1.386	0.89		8945	
wire	non noble metal	copper	7440-50-8	56.286	36.32	37.26	363196	372700
	noble metal	gold	7440-57-5	0.231	0.15	0.15	1489	1489
	encapsulation	organic material	carbon black	1333-86-4	0.277	0.18		1789
encapsulation	plastics	epoxy resin	-	10.815	6.98		69784	
	inorganic material	silicondioxide	60676-86-0	81.341	52.49	59.65	524866	596439
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7373	7373
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2765	2765
glue	plastics	epoxy resin	-	0.140	0.09		902	
	noble metal	silver	7440-22-4	0.792	0.51	0.60	5110	6012
*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

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