

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2QR4765G	**Issued**	23. June 2021
MA#	MA005543000		
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_1	inorganic material	silicon	7440-21-3	1.024	0.66	0.66	6608	6608
chip_2	inorganic material	silicon	7440-21-3	1.025	0.66	0.66	6614	6614
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	
	non noble metal	copper	7440-50-8	56.286	36.32	37.26	363196	372700
wire	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	
	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.
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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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