

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2QR1765G	**Issued**	23. June 2021
MA#	MA005542967		
Package	PG-DSO-12-19	**Weight***	155.19 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	6599	6599
chip_2	inorganic material	silicon	7440-21-3	1.890	1.22	1.22	12177	12177
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		8933	
	non noble metal	copper	7440-50-8	56.286	36.27	37.21	362701	372193
wire	noble metal	gold	7440-57-5	0.226	0.15	0.15	1456	1456
encapsulation	organic material	carbon black	1333-86-4	0.275	0.18		1770	
	plastics	epoxy resin	-	10.714	6.90		69042	
	inorganic material	silicondioxide	60676-86-0	80.586	51.93	59.01	519290	590102
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7363	7363
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2761	2761
glue	plastics	epoxy resin	-	0.171	0.11		1102	
	noble metal	silver	7440-22-4	0.969	0.62	0.73	6247	7349
*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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