Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2QR4780G	**Issued**	23. June 2021
MA#	MA005543010		
Package	PG-DSO-12-19	**Weight***	155.13 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	6602	6602
chip_2	inorganic material	silicon	7440-21-3	1.570	1.01	1.01	10118	10118
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		8936	
	non noble metal	copper	7440-50-8	56.286	36.28	37.22	362840	372335
wire	noble metal	gold	7440-57-5	0.247	0.16	0.16	1590	1590
encapsulation	organic material	carbon black	1333-86-4	0.276	0.18		1777	
	plastics	epoxy resin	-	10.751	6.93		69305	
	inorganic material	silicondioxide	60676-86-0	80.862	52.14	59.25	521265	592347
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7366	7366
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2762	2762
glue	plastics	epoxy resin	-	0.160	0.10		1032	
	noble metal	silver	7440-22-4	0.907	0.58	0.68	5848	6880
*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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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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