

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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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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