

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMCQ120R010M2H	**Issued**	07. February 2025
MA#	MA005926736		
Package	PG-HDSOP-22-3	**Weight***	2160.11 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.159	0.007	0.474	73	4739
	noble metal	gold	7440-57-5	0.616	0.028		285	
	inorganic material	siliconcarbide	409-21-2	9.463	0.438		4381	
leadframe	inorganic material	phosphorus	7723-14-0	0.416	0.019	64.206	193	642057
	non noble metal	iron	7439-89-6	1.387	0.064		642	
	non noble metal	copper	7440-50-8	1385.112	64.122		641222	
wire	non noble metal	aluminium	7429-90-5	19.790	0.916	0.916	9161	9161
encapsulation	organic material	carbon black	1333-86-4	3.653	0.169	33.824	1691	338237
	miscellaneous	miscellaneous	-	40.185	1.860		18603	
	plastics	epoxy resin	-	51.144	2.368		23677	
	inorganic material	silicondioxide	60676-86-0	635.648	29.427		294266	
leadfinish	non noble metal	tin	7440-31-5	12.211	0.565	0.565	5653	5653
plating	inorganic material	phosphorus	7723-14-0	< 0.001	< 0.001	0.015	< 1	152
	non noble metal	nickel	7440-02-0	0.328	0.015		152	
*deviation	< 10%				Sum in total:	100.000		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.

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