

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMCQ120R004M2H	**Issued**	04. August 2025
MA#	MA005925910		
Package	PG-HDSOP-22-3	**Weight***	2173.31 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	tin	7440-31-5	0.207	0.010	0.614	95	6142
	noble metal	gold	7440-57-5	0.803	0.037		369	
	inorganic material	siliconcarbide	409-21-2	12.338	0.568		5677	
chip_2	non noble metal	tin	7440-31-5	0.207	0.010	0.614	95	6142
	noble metal	gold	7440-57-5	0.803	0.037		369	
	inorganic material	siliconcarbide	409-21-2	12.338	0.568		5677	
leadframe	inorganic material	phosphorus	7723-14-0	0.416	0.019	63.816	191	638157
	non noble metal	iron	7439-89-6	1.387	0.064		638	
	non noble metal	copper	7440-50-8	1385.112	63.733		637327	
wire	non noble metal	aluminium	7429-90-5	43.321	1.993	1.993	19933	19933
encapsulation	organic material	carbon black	1333-86-4	3.519	0.162	32.386	1619	323857
	miscellaneous	miscellaneous	-	38.711	1.781		17812	
	plastics	epoxy resin	-	49.269	2.267		22670	
	inorganic material	silicondioxide	60676-86-0	612.343	28.176		281755	
leadfinish	non noble metal	tin	7440-31-5	12.211	0.562	0.562	5619	5619
plating	inorganic material	phosphorus	7723-14-0	< 0.001	< 0.001	0.015	< 1	151
	non noble metal	nickel	7440-02-0	0.328	0.015		151	
*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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