

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMCQ120R005M2H	**Issued**	04. August 2025
MA#	MA005925914		
Package	PG-HDSOP-22-3	**Weight***	2168.66 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	0.159	0.007	0.472	73	4721
	noble metal	gold	7440-57-5	0.616	0.028		284	
	inorganic material	siliconcarbide	409-21-2	9.463	0.436		4364	
chip_2	non noble metal	tin	7440-31-5	0.159	0.007	0.472	73	4721
	noble metal	gold	7440-57-5	0.616	0.028		284	
	inorganic material	siliconcarbide	409-21-2	9.463	0.436		4364	
leadframe	inorganic material	phosphorus	7723-14-0	0.416	0.019	63.953	192	639525
	non noble metal	iron	7439-89-6	1.387	0.064		640	
	non noble metal	copper	7440-50-8	1385.112	63.869		638694	
wire	non noble metal	aluminium	7429-90-5	35.700	1.646	1.646	16462	16462
encapsulation	organic material	carbon black	1333-86-4	3.565	0.164	32.879	1644	328789
	miscellaneous	miscellaneous	-	39.217	1.808		18083	
	plastics	epoxy resin	-	49.912	2.302		23015	
	inorganic material	silicondioxide	60676-86-0	620.339	28.605		286047	
leadfinish	non noble metal	tin	7440-31-5	12.211	0.563	0.563	5631	5631
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		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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com