

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMCQ120R034M2H	**Issued**	12. February 2025
MA#	MA006017316		
Package	PG-HDSOP-22-3	**Weight***	2154.26 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	0.053	0.002	0.158	25	1582
	noble metal	gold	7440-57-5	0.205	0.010		95	
	inorganic material	siliconcarbide	409-21-2	3.149	0.146		1462	
leadframe	inorganic material	phosphorus	7723-14-0	0.416	0.019	64.380	193	643800
	non noble metal	iron	7439-89-6	1.387	0.064		644	
	non noble metal	copper	7440-50-8	1385.112	64.296		642963	
wire	non noble metal	aluminium	7429-90-5	8.638	0.401	0.401	4010	4010
encapsulation	organic material	carbon black	1333-86-4	3.714	0.172	34.479	1724	344788
	miscellaneous	miscellaneous	-	40.852	1.896		18963	
	plastics	epoxy resin	-	51.993	2.414		24135	
	inorganic material	silicondioxide	60676-86-0	646.204	29.997		299965	
leadfinish	non noble metal	tin	7440-31-5	12.211	0.567	0.567	5668	5668
plating	inorganic material	phosphorus	7723-14-0	< 0.001	< 0.001	0.015	< 1	153
	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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