

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMCQ120R017M2H	**Issued**	07. February 2025
MA#	MA005926750		
Package	PG-HDSOP-22-3	**Weight***	2155.53 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	0.095	0.004	0.285	44	2846
	noble metal	gold	7440-57-5	0.369	0.017		171	
	inorganic material	siliconcarbide	409-21-2	5.670	0.263		2631	
leadframe	inorganic material	phosphorus	7723-14-0	0.416	0.019	64.342	193	643423
	non noble metal	iron	7439-89-6	1.387	0.064		643	
	non noble metal	copper	7440-50-8	1385.112	64.259		642586	
wire	non noble metal	aluminium	7429-90-5	9.071	0.421	0.421	4208	4208
encapsulation	organic material	carbon black	1333-86-4	3.704	0.172	34.371	1719	343705
	miscellaneous	miscellaneous	-	40.748	1.890		18904	
	plastics	epoxy resin	-	51.861	2.406		24059	
	inorganic material	silicondioxide	60676-86-0	644.554	29.902		299024	
leadfinish	non noble metal	tin	7440-31-5	12.211	0.567	0.567	5665	5665
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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