

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMCQ120R078M2H	**Issued**	07. February 2025
MA#	MA005974959		
Package	PG-HDSOP-22-3	**Weight***	2152.41 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	0.027	0.001	0.082	13	822
	noble metal	gold	7440-57-5	0.106	0.005		49	
	inorganic material	siliconcarbide	409-21-2	1.635	0.076		760	
leadframe	inorganic material	phosphorus	7723-14-0	0.416	0.019	64.435	193	644355
	non noble metal	iron	7439-89-6	1.387	0.064		644	
	non noble metal	copper	7440-50-8	1385.112	64.352		643517	
wire	non noble metal	aluminium	7429-90-5	4.275	0.199	0.199	1986	1986
encapsulation	organic material	carbon black	1333-86-4	3.735	0.174	34.701	1735	347012
	miscellaneous	miscellaneous	-	41.080	1.909		19086	
	plastics	epoxy resin	-	52.284	2.429		24291	
	inorganic material	silicondioxide	60676-86-0	649.813	30.190		301900	
leadfinish	non noble metal	tin	7440-31-5	12.211	0.567	0.567	5673	5673
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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