

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMSQ120R026M2HB	**Issued**	29. October 2026
MA#	MA006132192		
Package	PG-HDSOP-16-221	**Weight***	1882.87 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	0.100	0.005	0.344	53	3438
	noble metal	gold	7440-57-5	0.389	0.021		207	
	inorganic material	siliconcarbide	409-21-2	5.983	0.318		3178	
chip_2	non noble metal	tin	7440-31-5	0.068	0.004	0.234	36	2336
	noble metal	gold	7440-57-5	0.264	0.014		140	
	inorganic material	siliconcarbide	409-21-2	4.065	0.216		2159	
leadframe	inorganic material	phosphorus	7723-14-0	0.325	0.017	57.496	172	574963
	non noble metal	iron	7439-89-6	1.083	0.057		575	
	non noble metal	copper	7440-50-8	1081.174	57.422		574216	
wire	non noble metal	aluminium	7429-90-5	19.035	1.011	1.011	10110	10110
encapsulation	organic material	carbon black	1333-86-4	3.807	0.202	40.441	2022	404414
	miscellaneous	miscellaneous	-	41.880	2.224		22243	
	plastics	epoxy resin	-	53.302	2.831		28309	
	inorganic material	silicondioxide	60676-86-0	662.469	35.184		351840	
leadfinish	non noble metal	tin	7440-31-5	8.299	0.441	0.441	4408	4408
plating	inorganic material	phosphorus	7723-14-0	0.001	< 0.001	0.033	1	333
	non noble metal	nickel	7440-02-0	0.625	0.033		332	
*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