

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMSQ120R026M2HH	**Issued**	04. March 2025
MA#	MA005873258		
Package	PG-HDSOP-16-221	**Weight***	1863.21 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	0.068	0.004	0.236	37	2360
	noble metal	gold	7440-57-5	0.264	0.014		142	
	inorganic material	siliconcarbide	409-21-2	4.065	0.218		2182	
chip_2	non noble metal	tin	7440-31-5	0.068	0.004	0.236	37	2360
	noble metal	gold	7440-57-5	0.264	0.014		142	
	inorganic material	siliconcarbide	409-21-2	4.065	0.218		2182	
leadframe	inorganic material	phosphorus	7723-14-0	0.325	0.017	58.103	174	581030
	non noble metal	iron	7439-89-6	1.083	0.058		581	
	non noble metal	copper	7440-50-8	1081.174	58.028		580275	
wire	non noble metal	aluminium	7429-90-5	20.685	1.110	1.110	11102	11102
encapsulation	inorganic material	zincoxide	1314-13-2	7.422	0.398	39.836	3984	398356
	inorganic material	magnesium aluminum hydroxide carbonate	11097-59-9	7.422	0.398		3984	
	miscellaneous	miscellaneous	-	29.689	1.593		15934	
	plastics	epoxy resin	-	111.333	5.975		59753	
	inorganic material	silicondioxide	60676-86-0	586.355	31.470		314702	
leadfinish	non noble metal	tin	7440-31-5	8.299	0.445	0.445	4454	4454
plating	inorganic material	phosphorus	7723-14-0	0.001	< 0.001	0.034	1	336
	non noble metal	nickel	7440-02-0	0.625	0.034		335	
*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.
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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