

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMY120R036AM2H	**Issued**	26. January 2026
MA#	MA006130881		
Package	PG-TO247-4-19	**Weight***	6830.04 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	7.015	0.103	0.103	1027	1027
chip_2	inorganic material	siliconcarbide	409-21-2	2.951	0.043	0.043	432	432
leadframe	inorganic material	phosphorus	7723-14-0	1.421	0.021	69.373	208	693733
	non noble metal	iron	7439-89-6	4.738	0.069		694	
	non noble metal	copper	7440-50-8	4732.060	69.283		692831	
wire	non noble metal	aluminium	7429-90-5	14.548	0.213	0.213	2130	2130
encapsulation	inorganic material	magnesium aluminum hydroxide carbonate	11097-59-9	6.073	0.089	29.636	889	296363
	organic material	carbon black	1333-86-4	10.121	0.148		1482	
	miscellaneous	miscellaneous	-	44.532	0.652		6520	
	plastics	phenol resin	-	141.692	2.075		20745	
	plastics	epoxy resin	-	273.263	4.001		40009	
	inorganic material	silicondioxide	60676-86-0	1548.492	22.672		226718	
leadfinish	non noble metal	tin	7440-31-5	35.857	0.525	0.525	5250	5250
plating	non noble metal	nickel	7440-02-0	1.952	0.029	0.029	286	286
solder	non noble metal	antimony	7440-36-0	0.532	0.008	0.078	78	779
	noble metal	silver	7440-22-4	1.330	0.019		195	
	non noble metal	tin	7440-31-5	3.458	0.051		506	
*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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