

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMY120R036CM2H	**Issued**	26. January 2026
MA#	MA006130875		
Package	PG-TO247-4-19	**Weight***	6828.49 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	5.012	0.073	0.073	734	734
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	69.389	208	693890
	non noble metal	iron	7439-89-6	4.738	0.069		694	
	non noble metal	copper	7440-50-8	4732.060	69.299		692988	
wire	non noble metal	aluminium	7429-90-5	13.358	0.196	0.196	1956	1956
encapsulation	inorganic material	magnesium aluminum hydroxide carbonate	11097-59-9	6.081	0.089	29.682	890	296823
	organic material	carbon black	1333-86-4	10.134	0.148		1484	
	miscellaneous	miscellaneous	-	44.591	0.653		6530	
	plastics	phenol resin	-	141.880	2.078		20778	
	plastics	epoxy resin	-	273.625	4.007		40071	
	inorganic material	silicondioxide	60676-86-0	1550.542	22.707		227070	
leadfinish	non noble metal	tin	7440-31-5	35.857	0.525	0.525	5251	5251
plating	non noble metal	nickel	7440-02-0	1.952	0.029	0.029	286	286
solder	non noble metal	antimony	7440-36-0	0.429	0.006	0.063	63	628
	noble metal	silver	7440-22-4	1.072	0.016		157	
	non noble metal	tin	7440-31-5	2.786	0.041		408	
*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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