

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMZA120R022M2H	**Issued**	04. June 2025
MA#	MA006135021		
Package	PG-TO247-4-8	**Weight***	6184.04 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	0.078	0.001	0.082	13	816
	noble metal	gold	7440-57-5	0.303	0.005		49	
	inorganic material	siliconcarbide	409-21-2	4.664	0.075		754	
leadframe	inorganic material	phosphorus	7723-14-0	1.153	0.019	62.147	186	621473
	non noble metal	iron	7439-89-6	3.843	0.062		621	
	non noble metal	copper	7440-50-8	3838.221	62.067		620666	
wire	non noble metal	aluminium	7429-90-5	7.935	0.128	0.128	1283	1283
encapsulation	organic material	carbon black	1333-86-4	17.300	0.280	37.300	2798	373000
	organic material	phenol formaldehyde resin	9003-35-4	96.187	1.555		15554	
	non noble metal	metal hydroxide	-	211.520	3.420		34204	
	plastics	epoxy resin	29690-82-2	314.858	5.091		50915	
	inorganic material	silicondioxide	60676-86-0	1666.785	26.953		269530	
leadfinish	non noble metal	tin	7440-31-5	18.615	0.301	0.301	3010	3010
plating	non noble metal	nickel	7440-02-0	2.579	0.042	0.042	417	417
*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