

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMZA120R053M2H	**Issued**	04. June 2025
MA#	MA006135033		
Package	PG-TO247-4-8	**Weight***	6181.84 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	0.037	0.001	0.039	6	385
	noble metal	gold	7440-57-5	0.143	0.002		23	
	inorganic material	siliconcarbide	409-21-2	2.201	0.036		356	
leadframe	inorganic material	phosphorus	7723-14-0	1.153	0.019	62.169	187	621695
	non noble metal	iron	7439-89-6	3.843	0.062		622	
	non noble metal	copper	7440-50-8	3838.221	62.089		620886	
wire	non noble metal	aluminium	7429-90-5	4.367	0.071	0.071	706	706
encapsulation	organic material	carbon black	1333-86-4	17.330	0.280	37.379	2803	373786
	organic material	phenol formaldehyde resin	9003-35-4	96.355	1.559		15587	
	non noble metal	metal hydroxide	-	211.890	3.428		34276	
	plastics	epoxy resin	29690-82-2	315.408	5.102		51022	
	inorganic material	silicondioxide	60676-86-0	1669.700	27.010		270097	
leadfinish	non noble metal	tin	7440-31-5	18.615	0.301	0.301	3011	3011
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.

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