

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMZA120R017M2H	**Issued**	04. June 2025
MA#	MA006135018		
Package	PG-TO247-4-8	**Weight***	6184.66 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	0.095	0.002	0.099	15	992
	noble metal	gold	7440-57-5	0.369	0.006		60	
	inorganic material	siliconcarbide	409-21-2	5.670	0.092		917	
leadframe	inorganic material	phosphorus	7723-14-0	1.153	0.019	62.141	186	621412
	non noble metal	iron	7439-89-6	3.843	0.062		621	
	non noble metal	copper	7440-50-8	3838.221	62.060		620604	
wire	non noble metal	aluminium	7429-90-5	8.414	0.136	0.136	1360	1360
encapsulation	organic material	carbon black	1333-86-4	17.293	0.280	37.281	2796	372809
	organic material	phenol formaldehyde resin	9003-35-4	96.148	1.555		15546	
	non noble metal	metal hydroxide	-	211.433	3.419		34187	
	plastics	epoxy resin	29690-82-2	314.728	5.089		50888	
	inorganic material	silicondioxide	60676-86-0	1666.098	26.939		269392	
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.

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