

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMZC140R038M2H	**Issued**	11. July 2025
MA#	MA006114497		
Package	PG-TO247-4-17	**Weight***	6385.66 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	0.053	0.001	0.053	8	534
	noble metal	gold	7440-57-5	0.205	0.003		32	
	inorganic material	siliconcarbide	409-21-2	3.149	0.049		493	
leadframe	inorganic material	phosphorus	7723-14-0	1.245	0.020	65.011	195	650107
	non noble metal	iron	7439-89-6	4.151	0.065		650	
	non noble metal	copper	7440-50-8	4145.967	64.926		649262	
wire	non noble metal	aluminium	7429-90-5	8.212	0.129	0.129	1286	1286
encapsulation	organic material	carbon black	1333-86-4	16.525	0.259	34.505	2588	345047
	organic material	phenol formaldehyde resin	9003-35-4	91.880	1.439		14388	
	non noble metal	metal hydroxide	-	202.048	3.164		31641	
	plastics	epoxy resin	29690-82-2	300.758	4.710		47099	
	inorganic material	silicondioxide	60676-86-0	1592.144	24.933		249331	
leadfinish	non noble metal	tin	7440-31-5	17.256	0.270	0.270	2702	2702
plating	non noble metal	nickel	7440-02-0	2.067	0.032	0.032	324	324
*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.
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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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