

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMZC140R019M2H	**Issued**	10. July 2025
MA#	MA006057876		
Package	PG-TO247-4-17	**Weight***	6386.75 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	0.001	0.096	15	960
	noble metal	gold	7440-57-5	0.369	0.006		58	
	inorganic material	siliconcarbide	409-21-2	5.670	0.089		888	
leadframe	inorganic material	phosphorus	7723-14-0	1.245	0.019	65.000	195	649996
	non noble metal	iron	7439-89-6	4.151	0.065		650	
	non noble metal	copper	7440-50-8	4145.967	64.915		649151	
wire	non noble metal	aluminium	7429-90-5	7.840	0.123	0.123	1228	1228
encapsulation	organic material	carbon black	1333-86-4	16.516	0.259	34.479	2586	344790
	organic material	phenol formaldehyde resin	9003-35-4	91.827	1.438		14378	
	non noble metal	metal hydroxide	-	201.931	3.162		31617	
	plastics	epoxy resin	29690-82-2	300.585	4.706		47064	
	inorganic material	silicondioxide	60676-86-0	1591.228	24.915		249145	
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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