

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMZC140R011M2H	**Issued**	11. July 2025
MA#	MA006057865		
Package	PG-TO247-4-17	**Weight***	6391.69 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	0.159	0.002	0.160	25	1602
	noble metal	gold	7440-57-5	0.616	0.010		96	
	inorganic material	siliconcarbide	409-21-2	9.463	0.148		1481	
leadframe	inorganic material	phosphorus	7723-14-0	1.245	0.019	64.949	195	649494
	non noble metal	iron	7439-89-6	4.151	0.065		649	
	non noble metal	copper	7440-50-8	4145.967	64.865		648649	
wire	non noble metal	aluminium	7429-90-5	18.721	0.293	0.293	2929	2929
encapsulation	organic material	carbon black	1333-86-4	16.440	0.257	34.295	2572	342952
	organic material	phenol formaldehyde resin	9003-35-4	91.408	1.430		14301	
	non noble metal	metal hydroxide	-	201.011	3.145		31449	
	plastics	epoxy resin	29690-82-2	299.214	4.681		46813	
	inorganic material	silicondioxide	60676-86-0	1583.972	24.782		247817	
leadfinish	non noble metal	tin	7440-31-5	17.256	0.270	0.270	2700	2700
plating	non noble metal	nickel	7440-02-0	2.067	0.032	0.032	323	323
*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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