

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMYR140R011M2H	**Issued**	02. May 2025
MA#	MA005931448		
Package	PG-TO247-4-18	**Weight***	6784.20 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	0.151	23	1509
	noble metal	gold	7440-57-5	0.616	0.009		91	
	inorganic material	siliconcarbide	409-21-2	9.463	0.139		1395	
leadframe	inorganic material	phosphorus	7723-14-0	1.367	0.020	67.161	201	671613
	non noble metal	iron	7439-89-6	4.556	0.067		672	
	non noble metal	copper	7440-50-8	4550.435	67.074		670740	
wire	non noble metal	aluminium	7429-90-5	24.273	0.358	0.358	3578	3578
encapsulation	organic material	carbon black	1333-86-4	10.862	0.160	32.021	1601	320210
	miscellaneous	miscellaneous	-	119.481	1.761		17612	
	plastics	epoxy resin	-	152.066	2.241		22415	
	inorganic material	silicondioxide	60676-86-0	1889.965	27.858		278583	
leadfinish	non noble metal	tin	7440-31-5	20.555	0.303	0.303	3030	3030
plating	inorganic material	phosphorus	7723-14-0	< 0.001	< 0.001	0.006	< 1	60
	non noble metal	nickel	7440-02-0	0.407	0.006		60	
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com