

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMYR140R019M2H	**Issued**	02. May 2025
MA#	MA005962227		
Package	PG-TO247-4-18	**Weight***	6778.49 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	0.090	14	905
	noble metal	gold	7440-57-5	0.369	0.005		54	
	inorganic material	siliconcarbide	409-21-2	5.670	0.084		836	
leadframe	inorganic material	phosphorus	7723-14-0	1.367	0.020	67.218	202	672179
	non noble metal	iron	7439-89-6	4.556	0.067		672	
	non noble metal	copper	7440-50-8	4550.435	67.131		671305	
wire	non noble metal	aluminium	7429-90-5	9.320	0.137	0.137	1375	1375
encapsulation	organic material	carbon black	1333-86-4	10.929	0.161	32.245	1612	322449
	miscellaneous	miscellaneous	-	120.214	1.773		17735	
	plastics	epoxy resin	-	153.000	2.257		22571	
	inorganic material	silicondioxide	60676-86-0	1901.572	28.053		280530	
leadfinish	non noble metal	tin	7440-31-5	20.555	0.303	0.303	3032	3032
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