

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMYR140R006M2H	**Issued**	02. May 2025
MA#	MA005931439		
Package	PG-TO247-4-18	**Weight***	6792.35 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	tin	7440-31-5	0.159	0.002	0.151	23	1507
	noble metal	gold	7440-57-5	0.616	0.009		91	
	inorganic material	siliconcarbide	409-21-2	9.463	0.139		1393	
chip_2	non noble metal	tin	7440-31-5	0.159	0.002	0.151	23	1507
	noble metal	gold	7440-57-5	0.616	0.009		91	
	inorganic material	siliconcarbide	409-21-2	9.463	0.139		1393	
leadframe	inorganic material	phosphorus	7723-14-0	1.367	0.020	67.081	201	670807
	non noble metal	iron	7439-89-6	4.556	0.067		671	
	non noble metal	copper	7440-50-8	4550.435	66.994		669935	
wire	non noble metal	aluminium	7429-90-5	38.670	0.569	0.569	5693	5693
encapsulation	organic material	carbon black	1333-86-4	10.779	0.159	31.740	1587	317399
	miscellaneous	miscellaneous	-	118.574	1.746		17457	
	plastics	epoxy resin	-	150.912	2.222		22218	
	inorganic material	silicondioxide	60676-86-0	1875.622	27.614		276137	
leadfinish	non noble metal	tin	7440-31-5	20.555	0.303	0.303	3026	3026
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.

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