

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMYR140R008M2H	**Issued**	02. May 2025
MA#	MA005931452		
Package	PG-TO247-4-18	**Weight***	6787.13 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	0.207	0.003	0.197	30	1967
	noble metal	gold	7440-57-5	0.803	0.012		118	
	inorganic material	siliconcarbide	409-21-2	12.338	0.182		1818	
leadframe	inorganic material	phosphorus	7723-14-0	1.367	0.020	67.132	201	671323
	non noble metal	iron	7439-89-6	4.556	0.067		671	
	non noble metal	copper	7440-50-8	4550.435	67.045		670450	
wire	non noble metal	aluminium	7429-90-5	30.337	0.447	0.447	4470	4470
encapsulation	organic material	carbon black	1333-86-4	10.831	0.160	31.915	1596	319152
	miscellaneous	miscellaneous	-	119.137	1.755		17553	
	plastics	epoxy resin	-	151.629	2.234		22341	
	inorganic material	silicondioxide	60676-86-0	1884.529	27.766		277662	
leadfinish	non noble metal	tin	7440-31-5	20.555	0.303	0.303	3028	3028
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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