

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDYH25G200C5	**Issued**	03. April 2024
MA#	MA005724491		
Package	PG-TO247-4-4	**Weight***	6522.92 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	0.116	0.002	0.121	18	1209
	noble metal	gold	7440-57-5	0.451	0.007		69	
	inorganic material	siliconcarbide	409-21-2	7.320	0.112		1122	
leadframe	inorganic material	phosphorus	7723-14-0	1.240	0.019	63.357	190	633574
	non noble metal	iron	7439-89-6	4.133	0.063		634	
	non noble metal	copper	7440-50-8	4,127.378	63.275		632750	
wire	non noble metal	aluminium	7429-90-5	8.696	0.133	0.133	1333	1333
encapsulation	inorganic material	zincoxide	1314-13-2	23.590	0.362	36.164	3616	361645
	miscellaneous	miscellaneous	-	94.359	1.447		14466	
	plastics	epoxy resin	-	353.847	5.425		54247	
	inorganic material	silicondioxide	60676-86-0	1,887.183	28.932		289316	
leadfinish	non noble metal	tin	7440-31-5	14.382	0.220	0.220	2205	2205
plating	inorganic material	phosphorus	7723-14-0	0.001	0.000	0.003	0	34
	non noble metal	nickel	7440-02-0	0.221	0.003		34	
*deviation	< 10%				Sum in total:	100.00		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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