

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDYH80G200C5	**Issued**	03. April 2024
MA#	MA005724501		
Package	PG-TO247-4-4	**Weight***	6535.06 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	0.180	0.003	0.187	28	1866
	noble metal	gold	7440-57-5	0.698	0.011		107	
	inorganic material	siliconcarbide	409-21-2	11.316	0.173		1732	
chip_2	non noble metal	tin	7440-31-5	0.180	0.003	0.187	28	1866
	noble metal	gold	7440-57-5	0.698	0.011		107	
	inorganic material	siliconcarbide	409-21-2	11.316	0.173		1732	
leadframe	inorganic material	phosphorus	7723-14-0	1.240	0.019	63.240	190	632397
	non noble metal	iron	7439-89-6	4.133	0.063		632	
	non noble metal	copper	7440-50-8	4,127.378	63.157		631575	
wire	non noble metal	aluminium	7429-90-5	26.175	0.401	0.401	4005	4005
encapsulation	inorganic material	zincoxide	1314-13-2	23.371	0.358	35.763	3576	357631
	miscellaneous	miscellaneous	-	93.486	1.431		14305	
	plastics	epoxy resin	-	350.571	5.364		53645	
	inorganic material	silicondioxide	60676-86-0	1,869.714	28.611		286105	
leadfinish	non noble metal	tin	7440-31-5	14.382	0.220	0.220	2201	2201
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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