

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDYH40G200C5	**Issued**	03. April 2024
MA#	MA005724496		
Package	PG-TO247-4-4	**Weight***	6526.35 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	0.180	0.003	0.187	28	1868
	noble metal	gold	7440-57-5	0.698	0.011		107	
	inorganic material	siliconcarbide	409-21-2	11.316	0.173		1734	
leadframe	inorganic material	phosphorus	7723-14-0	1.240	0.019	63.324	190	633241
	non noble metal	iron	7439-89-6	4.133	0.063		633	
	non noble metal	copper	7440-50-8	4,127.378	63.242		632417	
wire	non noble metal	aluminium	7429-90-5	14.193	0.217	0.217	2175	2175
encapsulation	inorganic material	zincoxide	1314-13-2	23.526	0.360	36.048	3605	360479
	miscellaneous	miscellaneous	-	94.104	1.442		14419	
	plastics	epoxy resin	-	352.892	5.407		54072	
	inorganic material	silicondioxide	60676-86-0	1,882.089	28.838		288383	
leadfinish	non noble metal	tin	7440-31-5	14.382	0.220	0.220	2204	2204
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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com