

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDYH50G200C5	**Issued**	03. April 2024
MA#	MA005724506		
Package	PG-TO247-4-4	**Weight***	6527.59 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	0.222	0.003	0.231	34	2308
	noble metal	gold	7440-57-5	0.862	0.013		132	
	inorganic material	siliconcarbide	409-21-2	13.981	0.214		2142	
leadframe	inorganic material	phosphorus	7723-14-0	1.240	0.019	63.312	190	633121
	non noble metal	iron	7439-89-6	4.133	0.063		633	
	non noble metal	copper	7440-50-8	4,127.378	63.230		632298	
wire	non noble metal	aluminium	7429-90-5	14.156	0.217	0.217	2169	2169
encapsulation	inorganic material	zincoxide	1314-13-2	23.510	0.360	36.017	3602	360165
	miscellaneous	miscellaneous	-	94.040	1.441		14407	
	plastics	epoxy resin	-	352.652	5.402		54025	
	inorganic material	silicondioxide	60676-86-0	1,880.809	28.813		288132	
leadfinish	non noble metal	tin	7440-31-5	14.382	0.220	0.220	2203	2203
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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