



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDDD06G65C6	Issued	11. May 2021
MA#	MA001680818		
Package	PG-HDSOP-10-1	Weight*	760.35 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	0.007			10	
	noble metal	gold	7440-57-5	0.028			37	
	inorganic material	siliconcarbide	409-21-2	0.408	0.05	0.05	537	584
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		52	
	non noble metal	iron	7439-89-6	0.131	0.02		172	
	non noble metal	copper	7440-50-8	130.618	17.18	17.21	171787	172011
wire	non noble metal	aluminium	7429-90-5	1.093	0.14	0.14	1438	1438
encapsulation	inorganic material	zincoxide	1314-13-2	3.439	0.45		4523	
	miscellaneous	miscellaneous	-	17.195	2.26		22614	
	plastics	epoxy resin	-	51.584	6.78		67842	
	inorganic material	silicondioxide	60676-86-0	271.673	35.73	45.22	357302	452281
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11187	11187
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.130	0.02	0.02	170	171
heatspreader	inorganic material	phosphorus	7723-14-0	0.083	0.01		109	
	non noble metal	iron	7439-89-6	0.275	0.04		362	
	non noble metal	copper	7440-50-8	275.137	36.19	36.24	361857	362328
*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