



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDDD12G65C6	Issued	11. May 2021
MA#	MA001680832		
Package	PG-HDSOP-10-1	Weight*	760.80 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	0.013			17	
	noble metal	gold	7440-57-5	0.050	0.01		66	
	inorganic material	siliconcarbide	409-21-2	0.727	0.10	0.11	956	1039
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	17.17	17.20	171685	171909
wire	non noble metal	aluminium	7429-90-5	2.144	0.28	0.28	2819	2819
encapsulation	inorganic material	zincoxide	1314-13-2	3.429	0.45		4508	
	miscellaneous	miscellaneous	-	17.147	2.25		22538	
	plastics	epoxy resin	-	51.442	6.76		67615	
	inorganic material	silicondioxide	60676-86-0	270.926	35.61	45.07	356108	450769
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11180	11180
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	36.15	36.20	361642	362113
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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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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