



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDDD08G65C6	Issued	24. February 2022
MA#	MA001680802		
Package	PG-HDSOP-10-1	Weight*	760.40 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	0.009			12	
	noble metal	gold	7440-57-5	0.036			47	
	inorganic material	siliconcarbide	409-21-2	0.518	0.07	0.07	681	740
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	171775	171999
wire	non noble metal	aluminium	7429-90-5	1.094	0.14	0.14	1439	1439
encapsulation	inorganic material	zincoxide	1314-13-2	3.438	0.45		4522	
	miscellaneous	miscellaneous	-	17.191	2.26		22608	
	plastics	epoxy resin	-	51.573	6.78		67824	
	inorganic material	silicondioxide	60676-86-0	271.620	35.72	45.21	357208	452162
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11186	11186
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	36.18	36.23	361832	362303
*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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