



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDDD20G65C6	Issued	11. May 2021
MA#	MA001680842		
Package	PG-HDSOP-10-1	Weight*	761.62 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	0.020			26	
	noble metal	gold	7440-57-5	0.077	0.01		101	
	inorganic material	siliconcarbide	409-21-2	1.123	0.15	0.16	1474	1601
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	17.15	17.18	171499	171723
wire	non noble metal	aluminium	7429-90-5	4.375	0.57	0.57	5744	5744
encapsulation	inorganic material	zincoxide	1314-13-2	3.411	0.45		4479	
	miscellaneous	miscellaneous	-	17.055	2.24		22394	
	plastics	epoxy resin	-	51.166	6.72		67181	
	inorganic material	silicondioxide	60676-86-0	269.475	35.38	44.79	353817	447871
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11168	11168
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	36.11	36.16	361251	361722
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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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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