



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IDDD16G65C6	<b>Issued</b>	11. May 2021
<b>MA#</b>	MA001680840		
<b>Package</b>	PG-HDSOP-10-1	<b>Weight*</b>	760.90 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	0.016			22	
	noble metal	gold	7440-57-5	0.064	0.01		84	
	inorganic material	siliconcarbide	409-21-2	0.927	0.12	0.13	1218	1324
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	171663	171887
wire	non noble metal	aluminium	7429-90-5	2.165	0.28	0.28	2845	2845
encapsulation	inorganic material	zincoxide	1314-13-2	3.428	0.45		4505	
	miscellaneous	miscellaneous	-	17.140	2.25		22527	
	plastics	epoxy resin	-	51.421	6.76		67580	
	inorganic material	silicondioxide	60676-86-0	270.817	35.59	45.05	355919	450531
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11179	11179
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	361592	362063
*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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