



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IDD08SG60C	<b>Issued</b>	12. May 2021
<b>MA#</b>	MA001688438		
<b>Package</b>	PG-TO252-3-311	<b>Weight*</b>	320.90 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	0.012			36	
	noble metal	gold	7440-57-5	0.045	0.01		140	
	inorganic material	siliconcarbide	409-21-2	1.790	0.56	0.57	5579	5755
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		134	
	non noble metal	iron	7439-89-6	0.143	0.04		447	
	non noble metal	copper	7440-50-8	143.098	44.60	44.65	445933	446514
wire	non noble metal	aluminium	7429-90-5	1.161	0.36	0.36	3618	3618
encapsulation	organic material	carbon black	1333-86-4	0.303	0.09		945	
	plastics	epoxy resin	-	13.945	4.35		43456	
	inorganic material	silicondioxide	60676-86-0	137.326	42.79	47.23	427947	472348
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11655	11655
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.086	0.03	0.03	269	270
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			18	
	non noble metal	iron	7439-89-6	0.019	0.01		60	
	non noble metal	copper	7440-50-8	19.177	5.98	5.99	59762	59840
*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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