



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	1EDB9275F	<b>Issued</b>	25. June 2021
<b>MA#</b>	MA005561242		
<b>Package</b>	PG-DSO-8-51	<b>Weight*</b>	80.37 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.906	1.13	1.13	11271	11271
chip_2	inorganic material	silicon	7440-21-3	0.564	0.70	0.70	7023	7023
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		103	
	non noble metal	zinc	7440-66-6	0.033	0.04		410	
	non noble metal	iron	7439-89-6	0.660	0.82		8209	
	non noble metal	copper	7440-50-8	26.789	33.33	34.20	333319	342041
wire	noble metal	gold	7440-57-5	0.217	0.27	0.27	2703	2703
encapsulation	organic material	carbon black	1333-86-4	0.148	0.18		1838	
	plastics	epoxy resin	-	4.777	5.94		59434	
	inorganic material	silicondioxide	60676-86-0	44.321	55.16	61.28	551448	612720
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10126	10126
plating	noble metal	silver	7440-22-4	0.095	0.12	0.12	1185	1185
glue	plastics	acrylic resin	-	0.229	0.28		2845	
	noble metal	silver	7440-22-4	0.811	1.01	1.29	10086	12931
*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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