



## Material Content Data Sheet



<b>Sales Product Name</b>	1ED3124MU12H			<b>Issued</b>	11. December 2019			
<b>MA#</b>	MA005409051							
<b>Package</b>	PG-DSO-8-66			<b>Weight*</b>	285.35 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	2.014	0.71	0.71	7057	7057
chip_2	inorganic material	silicon	7440-21-3	0.906	0.32	0.32	3175	3175
leadframe	inorganic material	phosphorus	7723-14-0	0.026	0.01		92	
	non noble metal	zinc	7440-66-6	0.105	0.04		368	
	non noble metal	iron	7439-89-6	2.099	0.74		7356	
wire	non noble metal	copper	7440-50-8	85.233	29.87	30.66	298696	306512
	non noble metal	copper	7440-50-8	0.194	0.07	0.07	681	681
	organic material	carbon black	1333-86-4	0.958	0.34		3358	
encapsulation	plastics	epoxy resin	-	19.166	6.72		67165	
	inorganic material	silicondioxide	60676-86-0	171.532	60.09	67.15	601126	671649
leadfinish	non noble metal	tin	7440-31-5	1.171	0.41	0.41	4104	4104
plating	noble metal	silver	7440-22-4	0.316	0.11	0.11	1106	1106
glue	plastics	epoxy resin	-	0.408	0.14		1429	
	noble metal	silver	7440-22-4	1.223	0.43	0.57	4287	5716
*deviation	< 10%			Sum in total:		100.00		1000000

### Important Remarks:

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