



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	1ED3125MU12F	<b>Issued</b>	17. May 2021
<b>MA#</b>	MA005420605		
<b>Package</b>	PG-DSO-8-72	<b>Weight*</b>	82.42 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	1.10	1.10	10991	10991
chip_2	inorganic material	silicon	7440-21-3	1.608	1.95	1.95	19515	19515
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		101	
	non noble metal	zinc	7440-66-6	0.033	0.04		404	
	non noble metal	iron	7439-89-6	0.666	0.81		8078	
	non noble metal	copper	7440-50-8	27.033	32.80	33.66	327990	336573
wire	non noble metal	copper	7440-50-8	0.166	0.20	0.20	2015	2015
encapsulation	organic material	carbon black	1333-86-4	0.149	0.18		1810	
	plastics	epoxy resin	-	4.823	5.85		58519	
	inorganic material	silicondioxide	60676-86-0	44.750	54.30	60.33	542958	603287
leadfinish	non noble metal	tin	7440-31-5	0.876	1.06	1.06	10627	10627
plating	noble metal	silver	7440-22-4	0.046	0.06	0.06	555	555
glue	plastics	acrylic resin	-	0.298	0.36		3616	
	noble metal	silver	7440-22-4	1.057	1.28	1.64	12821	16437
*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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