



## Material Content Data Sheet



<b>Sales Product Name</b>		1EDI40I12AF		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001245908						
<b>Package</b>		PG-DSO-8-51		<b>Weight*</b>		80.27 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	1.681	2.09	2.09	20947	20947
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		103	
	non noble metal	zinc	7440-66-6	0.033	0.04		411	
	non noble metal	iron	7439-89-6	0.660	0.82		8220	
wire	non noble metal	copper	7440-50-8	26.789	33.38	34.25	333764	342498
	noble metal	gold	7440-57-5	0.232	0.29	0.29	2892	2892
	encapsulation	organic material	carbon black	1333-86-4	0.148	0.18		1842
plastics	plastics	epoxy resin	-	4.780	5.96		59553	
		inorganic material	silicondioxide	60676-86-0	44.351	55.27	61.41	552555
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10139	10139
plating	noble metal	silver	7440-22-4	0.095	0.12	0.12	1187	1187
glue	plastics	acrylic resin	-	0.148	0.18		1845	
		noble metal	silver	7440-22-4	0.525	0.65	0.83	6542
*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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