



## Material Content Data Sheet



<b>Sales Product Name</b>				1EDI2001AS		<b>Issued</b>		24. January 2018	
<b>MA#</b>				MA001361976					
<b>Package</b>				PG-DSO-36-63		<b>Weight*</b>		695.89 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	8.248	1.19	1.19	11853	11853	
leadframe	inorganic material	phosphorus	7723-14-0	0.083	0.01		120		
	non noble metal	zinc	7440-66-6	0.334	0.05		480		
	non noble metal	iron	7439-89-6	6.680	0.96		9599		
wire	non noble metal	copper	7440-50-8	271.228	38.98	40.00	389757	399956	
	noble metal	gold	7440-57-5	1.099	0.16	0.16	1580	1580	
	encapsulation	organic material	carbon black	1333-86-4	1.192	0.17		1713	
encapsulation	plastics	epoxy resin	-	46.499	6.68		66819		
	inorganic material	silicondioxide	60676-86-0	349.733	50.26	57.11	502568	571100	
	leadfinish	noble metal	gold	7440-57-5	0.054	0.01		77	
plating	noble metal	palladium	7440-05-3	0.054	0.01		77		
	noble metal	silver	7440-22-4	0.054	0.01		77		
	non noble metal	nickel	7440-02-0	2.529	0.36	0.39	3634	3865	
	noble metal	palladium	7440-05-3	0.099	0.01		143		
	noble metal	silver	7440-22-4	0.099	0.01		143		
glue	noble metal	gold	7440-57-5	0.099	0.01		143		
	non noble metal	nickel	7440-02-0	4.670	0.67	0.70	6710	7139	
	plastics	epoxy resin	-	0.784	0.11		1127		
*deviation	< 10%			2.352	0.34	0.45	3380	4507	
Sum in total:						100.00		1000000	

### Important Remarks:

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