



## Material Content Data Sheet



<b>Sales Product Name</b>				1EDI2012MH		<b>Issued</b>		3. July 2019	
<b>MA#</b>				MA001398180					
<b>Package</b>				PG-DSO-8-59		<b>Weight*</b>		287.39 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	0.801	0.28	0.28	2788	2788	
chip_2	inorganic material	silicon	7440-21-3	1.946	0.68	0.68	6771	6771	
leadframe	inorganic material	phosphorus	7723-14-0	0.025	0.01		88		
	non noble metal	zinc	7440-66-6	0.101	0.04		351		
	non noble metal	iron	7439-89-6	2.018	0.70		7023		
wire	non noble metal	copper	7440-50-8	81.947	28.51	29.26	285144	292606	
	noble metal	gold	7440-57-5	0.315	0.11	0.11	1095	1095	
	encapsulation	organic material	carbon black	1333-86-4	0.594	0.21		2068	
leadfinish	plastics	epoxy resin	-	23.179	8.07		80656		
	inorganic material	silicondioxide	60676-86-0	174.341	60.65	68.93	606637	689361	
	noble metal	palladium	7440-05-3	0.000	0.00		1		
plating	noble metal	silver	7440-22-4	0.000	0.00		1		
	noble metal	gold	7440-57-5	0.000	0.00		2		
	non noble metal	nickel	7440-02-0	0.496	0.17	0.17	1727	1731	
	noble metal	silver	7440-22-4	0.000	0.00		1		
	noble metal	gold	7440-57-5	0.000	0.00		1		
glue	noble metal	palladium	7440-05-3	0.000	0.00		1		
	non noble metal	nickel	7440-02-0	0.052	0.02	0.02	182	185	
	plastics	epoxy resin	-	0.393	0.14		1366		
*deviation	< 10%			1.178	0.41	0.55	4097	5463	
						Sum in total:	100.00	1000000	

### Important Remarks:

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