



Material Content Data Sheet



Sales Product Name				1EDI2012MH		Issued		25. September 2017	
MA#				MA001398180					
Package				PG-DSO-8-59		Weight*		287.39 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	2.747	0.96	0.96	9560	9560	
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	
plastics	plastics	epoxy resin	-	23.179	8.07		80656		
	inorganic material	silicondioxide	60676-86-0	174.341	60.65	68.93	606636	689363	
	leadfinish	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	palladium	7440-05-3	0.000	0.00		1		
glue	non noble metal	nickel	7440-02-0	0.052	0.02		182		
	noble metal	silver	7440-22-4	0.000	0.00		1		
	noble metal	gold	7440-57-5	0.000	0.00	0.02	1	182	
*deviation	plastics	epoxy resin	-	0.393	0.14		1366		
	noble metal	silver	7440-22-4	1.178	0.41	0.55	4097	5463	
Sum in total:						100.00		1000000	

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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