



Material Content Data Sheet



Sales Product Name				1EDI30I12MH		Issued		25. September 2017	
MA#				MA001327950					
Package				PG-DSO-8-59		Weight*		287.42 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	2.869	1.00	1.00	9982	9982	
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		7022		
wire	non noble metal	copper	7440-50-8	81.947	28.51	29.26	285117	292578	
	noble metal	gold	7440-57-5	0.310	0.11	0.11	1077	1077	
	encapsulation	organic material	carbon black	1333-86-4	0.594	0.21		2067	
encapsulation	plastics	epoxy resin	-	23.165	8.06		80599		
	inorganic material	silicondioxide	60676-86-0	174.235	60.61	68.88	606208	688877	
	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		
	non noble metal	nickel	7440-02-0	0.052	0.02		182		
glue	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	
	plastics	epoxy resin	-	0.400	0.14		1393		
*deviation	< 10%			1.201	0.42	0.56	4180	5573	
						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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