



Material Content Data Sheet



Sales Product Name				1EDC30I12MH		Issued		25. January 2018	
MA#				MA001648960					
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
		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
noble metal	silver			7440-22-4	0.000	0.00		1	
noble metal	gold			7440-57-5	0.000	0.00		2	
plating	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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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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