



Material Content Data Sheet



Sales Product Name				1EDI0512AH		Issued		19. July 2018	
MA#				MA001344586					
Package				PG-DSO-8-59		Weight*		287.29 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	2.341	0.82	0.82	8150	8150	
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		7025		
wire	non noble metal	copper	7440-50-8	81.947	28.52	29.27	285243	292707	
	noble metal	gold	7440-57-5	0.327	0.11	0.11	1138	1138	
	encapsulation	organic material	carbon black	1333-86-4	0.596	0.21		2073	
encapsulation	plastics	epoxy resin	-	23.227	8.08		80849		
	inorganic material	silicondioxide	60676-86-0	174.698	60.81	69.10	608091	691016	
	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	1728	1732	
	noble metal	palladium	7440-05-3	0.000	0.00		1		
plating	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	
glue	plastics	epoxy resin	-	0.364	0.13		1269		
	noble metal	silver	7440-22-4	1.093	0.38	0.51	3806	5075	
*deviation	< 10%		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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