



Material Content Data Sheet



Sales Product Name				1EDI20H12AH		Issued		22. January 2018	
MA#				MA001496534					
Package				PG-DSO-8-59		Weight*		287.07 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	1.603	0.56	0.56	5583	5583	
leadframe	inorganic material	phosphorus	7723-14-0	0.025	0.01		88		
	non noble metal	zinc	7440-66-6	0.101	0.04		352		
	non noble metal	iron	7439-89-6	2.018	0.70		7030		
wire	non noble metal	copper	7440-50-8	81.947	28.55	29.30	285459	292929	
	noble metal	gold	7440-57-5	0.326	0.11	0.11	1134	1134	
	encapsulation	organic material	carbon black	1333-86-4	0.598	0.21		2083	
encapsulation	plastics	epoxy resin	-	23.316	8.12		81220		
	inorganic material	silicondioxide	60676-86-0	175.366	61.08	69.41	610880	694186	
	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	1729	1733	
	noble metal	palladium	7440-05-3	0.000	0.00		1		
plating	non noble metal	nickel	7440-02-0	0.052	0.02		183		
	noble metal	silver	7440-22-4	0.000	0.00		1		
	noble metal	gold	7440-57-5	0.000	0.00	0.02	1	183	
glue	plastics	epoxy resin	-	0.305	0.11		1063		
	noble metal	silver	7440-22-4	0.915	0.32	0.43	3189	4252	
*deviation	< 10%		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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