



Material Content Data Sheet



Sales Product Name				1EDC20112AH		Issued		25. January 2018	
MA#				MA001647676					
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		
	non noble metal	nickel	7440-02-0	0.052	0.02		183		
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	183	
	plastics	epoxy resin	-	0.305	0.11		1063		
*deviation	< 10%			0.915	0.32	0.43	3189	4252	
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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