



Material Content Data Sheet



Sales Product Name	1EDI40I12AH			Issued		11. December 2019		
MA#	MA005407031							
Package	PG-DSO-8-59			Weight*		287.39 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.925	0.67	0.67	6698	6698
chip_2	inorganic material	silicon	7440-21-3	0.801	0.28	0.28	2788	2788
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		7023	
	non noble metal	copper	7440-50-8	81.947	28.51	29.26	285144	292606
wire	noble metal	gold	7440-57-5	0.321	0.11	0.11	1118	1118
encapsulation	organic material	carbon black	1333-86-4	0.594	0.21		2068	
	plastics	epoxy resin	-	23.182	8.07		80664	
	inorganic material	silicondioxide	60676-86-0	174.359	60.66	68.94	606699	689431
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	
	non noble metal	nickel	7440-02-0	0.496	0.17	0.17	1727	1731
plating	noble metal	silver	7440-22-4	0.000	0.00		1	
	noble metal	gold	7440-57-5	0.000	0.00		1	
	noble metal	palladium	7440-05-3	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.052	0.02	0.02	182	185
glue	plastics	epoxy resin	-	0.391	0.14		1361	
	noble metal	silver	7440-22-4	1.173	0.41	0.55	4082	5443
*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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