



Material Content Data Sheet



Sales Product Name	1EDI05I12AH			Issued		11. December 2019		
MA#	MA005407044							
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_1	inorganic material	silicon	7440-21-3	1.540	0.54	0.54	5361	5361
chip_2	inorganic material	silicon	7440-21-3	0.801	0.28	0.28	2789	2789
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	
	non noble metal	copper	7440-50-8	81.947	28.52	29.27	285243	292707
wire	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	
	plastics	epoxy resin	-	23.227	8.08		80849	
	inorganic material	silicondioxide	60676-86-0	174.698	60.81	69.10	608091	691013
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	1728	1732
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	-	0.364	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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