



Material Content Data Sheet



Sales Product Name		1EDI2010AS		Issued		19. July 2018		
MA#		MA001618480						
Package		PG-DSO-36-63		Weight*		695.10 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	8.433	1.21	1.21	12132	12132
leadframe	inorganic material	phosphorus	7723-14-0	0.083	0.01		120	
	non noble metal	zinc	7440-66-6	0.334	0.05		480	
	non noble metal	iron	7439-89-6	6.680	0.96		9610	
wire	non noble metal	copper	7440-50-8	271.228	39.02	40.04	390203	400413
	noble metal	gold	7440-57-5	1.092	0.16	0.16	1572	1572
	encapsulation	organic material	carbon black	1333-86-4	1.192	0.17		1715
encapsulation	plastics	epoxy resin	-	46.493	6.69		66888	
	inorganic material	silicondioxide	60676-86-0	349.693	50.32	57.18	503086	571689
	leadfinish	noble metal	palladium	7440-05-3	0.001	0.00		2
plating	noble metal	silver	7440-22-4	0.001	0.00		2	
	noble metal	gold	7440-57-5	0.002	0.00		3	
	non noble metal	nickel	7440-02-0	2.350	0.34	0.34	3381	3388
	noble metal	silver	7440-22-4	0.002	0.00		3	
glue	noble metal	gold	7440-57-5	0.004	0.00		6	
	noble metal	palladium	7440-05-3	0.003	0.00		4	
	non noble metal	nickel	7440-02-0	4.335	0.62	0.62	6237	6250
glue	plastics	epoxy resin	-	0.792	0.11		1139	
	noble metal	silver	7440-22-4	2.375	0.34	0.45	3417	4556
*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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