

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDI2004AS	**Issued**	24. February 2022
MA#	MA005346278		
Package	PG-DSO-36-63	**Weight***	695.09 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	3.979	0.57	0.57	5725	5725
chip_2	inorganic material	silicon	7440-21-3	4.454	0.64	0.64	6407	6407
leadframe	inorganic material	phosphorus	7723-14-0	0.083	0.01		120	
	non noble metal	zinc	7440-66-6	0.334	0.05		481	
	non noble metal	iron	7439-89-6	6.680	0.96		9610	
	non noble metal	copper	7440-50-8	271.228	39.02	40.04	390205	400416
wire	noble metal	gold	7440-57-5	1.089	0.16	0.16	1566	1566
encapsulation	organic material	carbon black	1333-86-4	1.192	0.17		1715	
	plastics	epoxy resin	-	46.493	6.69		66888	
	inorganic material	silicondioxide	60676-86-0	349.693	50.32	57.18	503089	571692
leadfinish	noble metal	palladium	7440-05-3	0.001			2	
	noble metal	silver	7440-22-4	0.001			2	
	noble metal	gold	7440-57-5	0.002			3	
	non noble metal	nickel	7440-02-0	2.350	0.34	0.34	3381	3388
plating	noble metal	silver	7440-22-4	0.002			3	
	noble metal	palladium	7440-05-3	0.003			4	
	noble metal	gold	7440-57-5	0.004			6	
	non noble metal	nickel	7440-02-0	4.335	0.62	0.62	6237	6250
glue	inorganic material	copperoxide	1317-38-0	0.079	0.01		114	
	miscellaneous	miscellaneous	-	0.095	0.01		137	
	plastics	epoxy resin	-	0.554	0.08		797	
	noble metal	silver	7440-22-4	2.439	0.35	0.45	3508	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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