



## Material Content Data Sheet



Halogen-Free

Sales Product Name	1EDI3020AS	Issued	08. April 2022
MA#	MA005549488		
Package	PG-DSO-20-91	Weight*	291.24 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	1.266	0.43	0.43	4348	4348
chip_2	inorganic material	silicon	7440-21-3	2.901	1.00	1.00	9959	9959
leadframe	inorganic material	phosphorus	7723-14-0	0.028	0.01		97	
	non noble metal	zinc	7440-66-6	0.113	0.04		390	
	non noble metal	iron	7439-89-6	2.270	0.78		7793	
	non noble metal	copper	7440-50-8	92.161	31.64	32.47	316443	324723
wire	non noble metal	copper	7440-50-8	0.388	0.13	0.13	1334	1334
encapsulation	organic material	carbon black	1333-86-4	0.937	0.32		3217	
	plastics	epoxy resin	-	18.741	6.43		64349	
	inorganic material	silicondioxide	60676-86-0	167.732	57.60	64.35	575922	643488
leadfinish	non noble metal	tin	7440-31-5	2.324	0.80	0.80	7980	7980
plating	noble metal	silver	7440-22-4	0.371	0.13	0.13	1273	1273
glue	inorganic material	copperoxide	1317-38-0	0.050	0.02		172	
	miscellaneous	miscellaneous	-	0.060	0.02		207	
	plastics	epoxy resin	-	0.351	0.12		1207	
	noble metal	silver	7440-22-4	1.546	0.53	0.69	5309	6895
*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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