

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDI3020AS	**Issued**	08. April 2022
MA#	MA005448495		
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:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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