

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SLS32AIA010MK USON10	**Issued**	27. April 2022
MA#	MA005723777		
Package	PG-USON-10-2	**Weight***	17.18 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	0.970	5.65	5.65	56467	56467
leadframe	non noble metal	magnesium	7439-95-4	0.012	0.07		682	
	inorganic material	silicon	7440-21-3	0.051	0.30		2954	
	non noble metal	nickel	7440-02-0	0.234	1.36		13632	
	non noble metal	copper	7440-50-8	7.511	43.71	45.44	437134	454402
wire	noble metal	gold	7440-57-5	0.025	0.15	0.15	1473	1473
encapsulation	organic material	carbon black	1333-86-4	0.023	0.13		1320	
	plastics	epoxy resin	-	0.885	5.15		51480	
	inorganic material	silicondioxide	60676-86-0	6.653	38.72	44.00	387201	440001
leadfinish	noble metal	silver	7440-22-4	0.000			5	
	noble metal	palladium	7440-05-3	0.000			6	
	noble metal	gold	7440-57-5	0.000			10	
	non noble metal	nickel	7440-02-0	0.170	0.99	0.99	9921	9942
plating	noble metal	silver	7440-22-4	0.000			6	
	noble metal	palladium	7440-05-3	0.000			7	
	noble metal	gold	7440-57-5	0.000			12	
	non noble metal	nickel	7440-02-0	0.204	1.19	1.19	11851	11876
glue	plastics	epoxy resin	-	0.071	0.41		4134	
	noble metal	silver	7440-22-4	0.373	2.17	2.58	21705	25839
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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