



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	SLS32AIA010MK USON10	<b>Issued</b>	23. June 2021
<b>MA#</b>	MA005542773		
<b>Package</b>	PG-USON-10-2	<b>Weight*</b>	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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