

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SLS32AIA010MK USON10	**Issued**	27. April 2022
MA#	MA005723648		
Package	PG-USON-10-4	**Weight***	17.19 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	56456	56456
leadframe	non noble metal	magnesium	7439-95-4	0.012	0.07		688	
	inorganic material	silicon	7440-21-3	0.051	0.30		2980	
	non noble metal	nickel	7440-02-0	0.236	1.38		13752	
	non noble metal	copper	7440-50-8	7.579	44.09	45.84	440975	458395
wire	noble metal	gold	7440-57-5	0.028	0.17	0.17	1656	1656
encapsulation	organic material	carbon black	1333-86-4	0.068	0.40		3964	
	non noble metal	metal hydroxide	-	0.136	0.79		7928	
	inorganic material	amorphous silica	7631-86-9	0.477	2.77		27748	
	plastics	epoxy resin	-	0.681	3.96		39640	
	inorganic material	silicondioxide	60676-86-0	5.450	31.71	39.63	317117	396397
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	0.168	0.98	0.98	9767	9788
plating	noble metal	silver	7440-22-4	0.000			11	
	noble metal	palladium	7440-05-3	0.000			12	
	noble metal	gold	7440-57-5	0.000			20	
	non noble metal	nickel	7440-02-0	0.341	1.99	1.99	19856	19899
glue	miscellaneous	miscellaneous	-	0.002	0.01		103	
	plastics	acrylic resin	-	0.146	0.85		8508	
	noble metal	silver	7440-22-4	0.839	4.88	5.74	48798	57409
*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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