

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SLS 32AIA020A2 USON10	**Issued**	26. August 2018
MA#	MA003127426		
Package	PG-USON-10-2	**Weight***	17.03 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	1.344	7.89	7.89	78905	78905
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	0.234	1.38		13752	
	non noble metal	copper	7440-50-8	7.511	44.09	45.84	440989	458409
wire	noble metal	gold	7440-57-5	0.020	0.12	0.12	1186	1186
encapsulation	organic material	carbon black	1333-86-4	0.035	0.21		2056	
	plastics	epoxy resin	-	1.086	6.37		63746	
	inorganic material	silicondioxide	60676-86-0	5.884	34.55	41.13	345464	411266
leadfinish	noble metal	silver	7440-22-4	0.000	0.00		5	
	noble metal	palladium	7440-05-3	0.000	0.00		6	
	noble metal	gold	7440-57-5	0.000	0.00		10	
	non noble metal	nickel	7440-02-0	0.170	1.00	1.00	10008	10029
plating	noble metal	silver	7440-22-4	0.000	0.00		6	
	noble metal	palladium	7440-05-3	0.000	0.00		7	
	noble metal	gold	7440-57-5	0.000	0.00		12	
	non noble metal	nickel	7440-02-0	0.204	1.20	1.20	11956	11981
glue	plastics	bismaleimide resin	-	0.096	0.56		5645	
	noble metal	silver	7440-22-4	0.385	2.26	2.82	22579	28224
*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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