



Material Content Data Sheet



Sales Product Name				SLS32AIA020X2 USON10		Issued		31. July 2018	
MA#				MA002634540					
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		
wire	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	
	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		
leadfinish	inorganic material	silicondioxide	60676-86-0	6.653	38.72	44.00	387201	440001	
	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		
plating	non noble metal	nickel	7440-02-0	0.170	0.99	0.99	9921	9942	
	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		
glue	non noble metal	nickel	7440-02-0	0.204	1.19	1.19	11851	11876	
	plastics	epoxy resin	-	0.071	0.41		4134		
*deviation	< 10%			0.373	2.17	2.58	21705	25839	
						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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