



Material Content Data Sheet



Sales Product Name				SLS 32AIA020A4 USON10		Issued		26. August 2018	
MA#				MA003127428					
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		
wire	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	
	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		
leadfinish	inorganic material	silicondioxide	60676-86-0	5.884	34.55	41.13	345464	411266	
	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	1.00	1.00	10008	10029	
	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	1.20	1.20	11956	11981	
	plastics	bismaleimide resin	-	0.096	0.56		5645		
*deviation	< 10%			0.385	2.26	2.82	22579	28224	
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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