



Material Content Data Sheet



Sales Product Name				SLS32AIA010MH USON10		Issued		28. October 2019	
MA#				MA005402982					
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		
wire	non noble metal	copper	7440-50-8	7.579	44.10	45.85	440975	458395	
	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	
encapsulation	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	317116	396396	
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	0.168	0.98	0.98	9767	9788	
plating	noble metal	silver	7440-22-4	0.000	0.00		11		
	noble metal	palladium	7440-05-3	0.000	0.00		12		
	noble metal	gold	7440-57-5	0.000	0.00		20		
	non noble metal	nickel	7440-02-0	0.341	1.99	1.99	19856	19899	
glue	organic material	ethyltrimethoxysilane	3388-04-3	0.010	0.06		574		
	organic material	decanedimethanol diacrylate	42594-17-2	0.059	0.34		3445		
	organic material	isobornyl acrylate	5888-33-5	0.059	0.34		3445		
	organic material	isobornyl methacrylate	7534-94-3	0.069	0.40		4019		
*deviation	< 10%								
						Sum in total:	100.00	1000000	

Important Remarks:

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