



## Material Content Data Sheet



<b>Sales Product Name</b>		SLB 9645TT12FW13332		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001096414						
<b>Package</b>		PG-TSSOP-28-2		<b>Weight*</b>		108.67 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	5.586	5.14	5.14	51404	51404
leadframe	inorganic material	phosphorus	7723-14-0	0.011	0.01		105	
	non noble metal	zinc	7440-66-6	0.046	0.04		420	
	non noble metal	iron	7439-89-6	0.913	0.84		8402	
wire	non noble metal	copper	7440-50-8	37.070	34.11	35.00	341136	350063
	noble metal	gold	7440-57-5	0.274	0.25	0.25	2519	2519
	encapsulation	organic material	carbon black	1333-86-4	0.304	0.28		2796
encapsulation	plastics	epoxy resin	-	9.420	8.67		86686	
	inorganic material	silicondioxide	60676-86-0	51.049	46.98	55.93	469780	559262
leadfinish	non noble metal	tin	7440-31-5	1.539	1.42	1.42	14167	14167
plating	noble metal	silver	7440-22-4	0.775	0.71	0.71	7136	7136
glue	plastics	epoxy resin	-	0.420	0.39		3862	
	noble metal	silver	7440-22-4	1.259	1.16	1.55	11587	15449
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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