



Material Content Data Sheet



Halogen-Free

Sales Product Name	SLB 9645TT12FW13333	Issued	12. May 2021
MA#	MA001788210		
Package	PG-TSSOP-28-2	Weight*	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	
	non noble metal	copper	7440-50-8	37.070	34.11	35.00	341136	350063
wire	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	
	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:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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