



Material Content Data Sheet



Sales Product Name	TLE9201SG			Issued	22. January 2018			
MA#	MA001331958							
Package	PG-DSO-12-17			Weight*	372.97 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	5.425	1.45	1.45	14546	14546
leadframe	inorganic material	phosphorus	7723-14-0	0.060	0.02		161	
	non noble metal	zinc	7440-66-6	0.240	0.06		642	
	non noble metal	iron	7439-89-6	4.792	1.28		12848	
wire	non noble metal	copper	7440-50-8	194.567	52.19	53.55	521675	535326
	non noble metal	copper	7440-50-8	1.484	0.40	0.40	3978	3978
	encapsulation	organic material	carbon black	1333-86-4	0.310	0.08		831
plastics	plastics	epoxy resin	-	14.253	3.82		38215	
	inorganic material	silicondioxide	60676-86-0	140.362	37.63	41.53	376338	415384
leadfinish	non noble metal	tin	7440-31-5	3.243	0.87	0.87	8696	8696
plating	noble metal	silver	7440-22-4	2.024	0.54	0.54	5427	5427
solder	noble metal	silver	7440-22-4	0.155	0.04		416	
	non noble metal	tin	7440-31-5	0.124	0.03		333	
	non noble metal	lead	7439-92-1	5.928	1.59	1.66	15894	16643
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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