



Material Content Data Sheet



Sales Product Name		BTS5210L		Issued		20. July 2018			
MA#		MA001036818							
Package		PG-DSO-12-9		Weight*		367.25 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	3.505	0.95	0.95	9543	9543	
leadframe	non noble metal	iron	7439-89-6	0.204	0.06		556		
	inorganic material	phosphorus	7723-14-0	0.061	0.02		167		
	non noble metal	copper	7440-50-8	203.829	55.50	55.58	555008	555731	
wire	non noble metal	aluminium	7429-90-5	7.353	2.00	2.00	20022	20022	
encapsulation	organic material	carbon black	1333-86-4	0.290	0.08		791		
	plastics	epoxy resin	-	20.770	5.66		56555		
	inorganic material	silicondioxide	60676-86-0	124.184	33.81	39.55	338142	395488	
leadfinish	non noble metal	tin	7440-31-5	3.310	0.90	0.90	9012	9012	
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		4		
	non noble metal	nickel	7440-02-0	0.617	0.17	0.17	1681	1685	
solder	noble metal	silver	7440-22-4	0.078	0.02		213		
	non noble metal	tin	7440-31-5	0.063	0.02		170		
	non noble metal	lead	7439-92-1	2.988	0.81	0.85	8136	8519	
*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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