

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS5210L	**Issued**	14. May 2021
MA#	MA002843722		
Package	PG-DSO-12-9	**Weight***	366.86 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	0.96	0.96	9553	9553
leadframe	inorganic material	phosphorus	7723-14-0	0.061	0.02		167	
	non noble metal	iron	7439-89-6	0.204	0.06		556	
	non noble metal	copper	7440-50-8	203.829	55.55	55.63	555613	556336
wire	non noble metal	aluminium	7429-90-5	0.915	0.25	0.25	2494	2494
encapsulation	organic material	carbon black	1333-86-4	0.303	0.08		825	
	plastics	epoxy resin	-	21.629	5.90		58958	
	inorganic material	silicondioxide	60676-86-0	129.321	35.25	41.23	352512	412295
leadfinish	non noble metal	tin	7440-31-5	3.310	0.90	0.90	9022	9022
plating	inorganic material	phosphorus	7723-14-0	0.001			4	
	non noble metal	nickel	7440-02-0	0.617	0.17	0.17	1683	1687
solder	non noble metal	tin	7440-31-5	0.063	0.02		172	
	noble metal	silver	7440-22-4	0.079	0.02		215	
	non noble metal	lead	7439-92-1	3.018	0.82	0.86	8226	8613
*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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