



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS3104SDL		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA000546268						
<b>Package</b>		PG-TO252-3-11		<b>Weight*</b>		370.11 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	1.872	0.51	0.51	5057	5057
leadframe	inorganic material	phosphorus	7723-14-0	0.065	0.02		175	
	non noble metal	iron	7439-89-6	0.215	0.06		582	
	non noble metal	copper	7440-50-8	215.017	58.10	58.18	580949	581706
	non noble metal	aluminium	7429-90-5	0.516	0.14	0.14	1393	1393
wire	non noble metal	aluminium	7429-90-5	0.516	0.14	0.14	1393	1393
encapsulation	organic material	carbon black	1333-86-4	1.273	0.34		3440	
	plastics	epoxy resin	-	22.279	6.02		60196	
	inorganic material	silicondioxide	60676-86-0	103.758	28.03	34.39	280341	343977
leadfinish	non noble metal	tin	7440-31-5	3.740	1.01	1.01	10105	10105
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.091	0.02	0.02	245	246
solder	non noble metal	tin	7440-31-5	0.042	0.01		113	
	noble metal	silver	7440-22-4	0.052	0.01		141	
	non noble metal	lead	7439-92-1	1.991	0.54	0.56	5379	5633
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		16	
	non noble metal	iron	7439-89-6	0.019	0.01		52	
	non noble metal	copper	7440-50-8	19.177	5.18	5.19	51815	51883
*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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