



Material Content Data Sheet



Sales Product Name		BTS3046SDL		Issued		25. January 2018		
MA#		MA000546258						
Package		PG-TO252-3-11		Weight*		371.19 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	3.370	0.91	0.91	9078	9078
leadframe	non noble metal	iron	7439-89-6	0.215	0.06		580	
	inorganic material	phosphorus	7723-14-0	0.065	0.02		174	
	non noble metal	copper	7440-50-8	215.017	57.90	57.98	579265	580019
wire	non noble metal	aluminium	7429-90-5	1.007	0.27	0.27	2714	2714
encapsulation	organic material	carbon black	1333-86-4	1.255	0.34		3380	
	plastics	epoxy resin	-	21.957	5.92		59152	
	inorganic material	silicondioxide	60676-86-0	102.255	27.55	33.81	275480	338012
leadfinish	non noble metal	tin	7440-31-5	3.740	1.01	1.01	10076	10076
plating	non noble metal	nickel	7440-02-0	0.091	0.02	0.02	245	246
	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
solder	noble metal	silver	7440-22-4	0.075	0.02		203	
	non noble metal	tin	7440-31-5	0.060	0.02		162	
	non noble metal	lead	7439-92-1	2.879	0.78	0.82	7757	8122
heatspreader	non noble metal	iron	7439-89-6	0.019	0.01		52	
	inorganic material	phosphorus	7723-14-0	0.006	0.00		16	
	non noble metal	copper	7440-50-8	19.177	5.17	5.18	51665	51733
*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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