



Material Content Data Sheet



Sales Product Name		BTS3256D		Issued		30. April 2015			
MA#		MA001363340							
Package		PG-TO252-5-11		Weight*		357.20 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	5.154	1.44	1.44	14430	14430	
leadframe	non noble metal	iron	7439-89-6	0.205	0.06		573		
	inorganic material	phosphorus	7723-14-0	0.061	0.02		172		
	non noble metal	copper	7440-50-8	204.243	57.19	57.27	571783	572528	
wire	non noble metal	aluminium	7429-90-5	1.850	0.52	0.52	5178	5178	
encapsulation	organic material	carbon black	1333-86-4	1.371	0.38		3837		
	plastics	epoxy resin	-	23.986	6.71		67149		
	inorganic material	silicondioxide	60676-86-0	111.706	31.27	38.36	312723	383709	
leadfinish	non noble metal	tin	7440-31-5	5.136	1.44	1.44	14378	14378	
plating	non noble metal	nickel	7440-02-0	0.076	0.02		213		
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	214	
glue	plastics	Polyimide	26023-21-2	0.155	0.04	0.04	433	433	
solder	noble metal	silver	7440-22-4	0.082	0.02		228		
	non noble metal	tin	7440-31-5	0.065	0.02		183		
	non noble metal	lead	7439-92-1	3.114	0.87	0.91	8719	9130	
*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 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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