



Material Content Data Sheet



Sales Product Name		BTS4130QGA		Issued		24. January 2018		
MA#		MA001018316						
Package		PG-DSO-20-32		Weight*		478.78 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	7.009	1.46	1.46	14640	14640
leadframe	inorganic material	phosphorus	7723-14-0	0.036	0.01		75	
	non noble metal	zinc	7440-66-6	0.143	0.03		299	
	non noble metal	iron	7439-89-6	2.862	0.60		5977	
	non noble metal	copper	7440-50-8	116.197	24.27	24.91	242691	249042
wire	non noble metal	aluminium	7429-90-5	0.464	0.10	0.10	969	969
encapsulation	organic material	carbon black	1333-86-4	0.692	0.14		1444	
	plastics	epoxy resin	-	31.811	6.64		66441	
	inorganic material	silicondioxide	60676-86-0	313.269	65.44	72.22	654302	722187
leadfinish	non noble metal	tin	7440-31-5	2.746	0.57	0.57	5735	5735
plating	non noble metal	nickel	7440-02-0	0.341	0.07		713	
	inorganic material	phosphorus	7723-14-0	0.001	0.00		2	
	noble metal	silver	7440-22-4	1.177	0.25	0.32	2458	3173
glue	plastics	epoxy resin	-	0.356	0.07		744	
	noble metal	silver	7440-22-4	1.680	0.35	0.42	3510	4254
*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.
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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 does not use any exemption

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