

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS4130QGA	**Issued**	14. May 2021
MA#	MA002614164		
Package	PG-DSO-20-32	**Weight***	478.89 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	3.505	0.73	0.73	7318	7318
chip_2	inorganic material	silicon	7440-21-3	3.505	0.73	0.73	7318	7318
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		5976	
	non noble metal	copper	7440-50-8	116.197	24.26	24.90	242639	248989
wire	non noble metal	aluminium	7429-90-5	0.537	0.11	0.11	1120	1120
encapsulation	organic material	carbon black	1333-86-4	0.692	0.14		1444	
	plastics	epoxy resin	-	31.814	6.64		66433	
	inorganic material	silicondioxide	60676-86-0	313.297	65.44	72.22	654219	722096
leadfinish	non noble metal	tin	7440-31-5	2.746	0.57	0.57	5734	5734
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.341	0.07		713	
	noble metal	silver	7440-22-4	1.177	0.25	0.32	2457	3172
glue	plastics	epoxy resin	-	0.356	0.07		744	
	noble metal	silver	7440-22-4	1.680	0.35	0.42	3509	4253
*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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