



Material Content Data Sheet



Halogen-Free

Sales Product Name	BC 846S H6327	Issued	01. May 2021
MA#	MA000848462		
Package	PG-SOT363-6-1	Weight*	6.27 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	arsenic	7440-38-2	0.000			5	
	noble metal	gold	7440-57-5	0.003	0.05		468	
	inorganic material	silicon	7440-21-3	0.025	0.40	0.45	3993	4466
chip_2	non noble metal	arsenic	7440-38-2	0.000			5	
	noble metal	gold	7440-57-5	0.003	0.05		468	
	inorganic material	silicon	7440-21-3	0.025	0.40	0.45	3993	4466
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		92	
	non noble metal	titanium	7440-32-6	0.003	0.05		459	
	non noble metal	chromium	7440-47-3	0.009	0.14		1378	
	non noble metal	copper	7440-50-8	2.869	45.71	45.91	457359	459288
wire	non noble metal	copper	7440-50-8	0.011	0.18	0.18	1773	1773
encapsulation	organic material	carbon black	1333-86-4	0.031	0.49		4871	
	plastics	epoxy resin	-	0.657	10.47		104717	
	inorganic material	silicondioxide	60676-86-0	2.368	37.75	48.71	377468	487056
leadfinish	non noble metal	tin	7440-31-5	0.213	3.40	3.40	33990	33990
plating	noble metal	silver	7440-22-4	0.056	0.90	0.90	8961	8961
*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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