

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BC 856S H6327	**Issued**	01. May 2021
MA#	MA000849482		
Package	PG-SOT363-6-1	**Weight***	6.28 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000			15	
	noble metal	gold	7440-57-5	0.009	0.15		1459	
	inorganic material	silicon	7440-21-3	0.078	1.25	1.40	12464	13938
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		1376	
	non noble metal	copper	7440-50-8	2.869	45.67	45.87	456783	458710
wire	non noble metal	copper	7440-50-8	0.010	0.17	0.17	1661	1661
encapsulation	organic material	carbon black	1333-86-4	0.030	0.48		4828	
	plastics	epoxy resin	-	0.652	10.38		103801	
	inorganic material	silicondioxide	60676-86-0	2.350	37.42	48.28	374166	482795
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33947	33947
plating	noble metal	silver	7440-22-4	0.056	0.89	0.89	8949	8949
*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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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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