

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BFS 17S H6327	**Issued**	01. May 2021
MA#	MA000856914		
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	tin	7440-31-5	0.001	0.01		96	
	noble metal	gold	7440-57-5	0.002	0.04		373	
	inorganic material	silicon	7440-21-3	0.029	0.46	0.51	4550	5019
chip_2	non noble metal	tin	7440-31-5	0.001	0.01		96	
	noble metal	gold	7440-57-5	0.002	0.04		373	
	inorganic material	silicon	7440-21-3	0.029	0.46	0.51	4550	5019
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	45.70	45.90	457324	459253
wire	non noble metal	copper	7440-50-8	0.010	0.16	0.16	1623	1623
encapsulation	organic material	carbon black	1333-86-4	0.030	0.49		4861	
	plastics	epoxy resin	-	0.656	10.45		104520	
	inorganic material	silicondioxide	60676-86-0	2.364	37.68	48.62	376758	486139
leadfinish	non noble metal	tin	7440-31-5	0.213	3.40	3.40	33987	33987
plating	noble metal	silver	7440-22-4	0.056	0.90	0.90	8960	8960
*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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