



Material Content Data Sheet



Sales Product Name		BFS 481 H6327		Issued		22. January 2018		
MA#		MA001613878						
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	noble metal	gold	7440-57-5	0.004	0.06		575	
	non noble metal	tin	7440-31-5	0.001	0.01		148	
	inorganic material	silicon	7440-21-3	0.031	0.50	0.57	4966	5689
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		1379	
	non noble metal	copper	7440-50-8	2.869	45.74	45.94	457552	459482
wire	noble metal	gold	7440-57-5	0.012	0.20	0.20	1964	1964
encapsulation	organic material	carbon black	1333-86-4	0.031	0.49		4899	
	plastics	epoxy resin	-	0.660	10.53		105328	
	inorganic material	silicondioxide	60676-86-0	2.381	37.97	48.99	379670	489897
leadfinish	non noble metal	tin	7440-31-5	0.213	3.40	3.40	34004	34004
plating	noble metal	silver	7440-22-4	0.056	0.90	0.90	8964	8964
*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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