



Material Content Data Sheet



Halogen-Free

Sales Product Name	BFS 481 H6327	Issued	10. May 2021
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_1	non noble metal	tin	7440-31-5	0.000	0.01		74	
	noble metal	gold	7440-57-5	0.002	0.03		288	
	inorganic material	silicon	7440-21-3	0.016	0.25	0.29	2483	2845
chip_2	non noble metal	tin	7440-31-5	0.000	0.01		74	
	noble metal	gold	7440-57-5	0.002	0.03		288	
	inorganic material	silicon	7440-21-3	0.016	0.25	0.29	2483	2845
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	45.73	45.93	457551	459481
wire	noble metal	gold	7440-57-5	0.012	0.20	0.20	1965	1965
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	379669	489896
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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