



Material Content Data Sheet



Sales Product Name	BGR 420 H6327			Issued		27. November 2015		
MA#	MA000801614							
Package	PG-SOT343-4-1			Weight*		6.74 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	0.002	0.03		289	
	non noble metal	tin	7440-31-5	0.001	0.01		74	
	inorganic material	silicon	7440-21-3	0.014	0.21	0.25	2139	2502
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		100	
	non noble metal	titanium	7440-32-6	0.003	0.05		499	
	non noble metal	chromium	7440-47-3	0.010	0.15		1496	
	non noble metal	copper	7440-50-8	3.347	49.65	49.86	496631	498726
wire	noble metal	gold	7440-57-5	0.015	0.23	0.23	2261	2261
encapsulation	organic material	carbon black	1333-86-4	0.031	0.46		4571	
	plastics	epoxy resin	-	0.662	9.83		98277	
	inorganic material	silicondioxide	60676-86-0	2.388	35.43	45.72	354256	457104
leadfinish	non noble metal	tin	7440-31-5	0.202	2.99	2.99	29930	29930
plating	noble metal	silver	7440-22-4	0.064	0.95	0.95	9477	9477
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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 2011/65/EU (RoHS) and does not use any exemption.

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