



Material Content Data Sheet



Sales Product Name		BGX 50A E6327		Issued		27. September 2017		
MA#		MA000786408						
Package		PG-SOT143-4-4		Weight*		11.45 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	0.00		7	
	noble metal	gold	7440-57-5	0.008	0.07		706	
	inorganic material	silicon	7440-21-3	0.069	0.60	0.67	6028	6741
leadframe	non noble metal	nickel	7440-02-0	1.956	17.08		170807	
	non noble metal	iron	7439-89-6	2.701	23.59	40.67	235876	406683
wire	noble metal	gold	7440-57-5	0.030	0.26	0.26	2620	2620
encapsulation	organic material	carbon black	1333-86-4	0.102	0.89		8893	
	inorganic material	antimonytrioxide	1309-64-4	0.153	1.33		13339	
	plastics	brominated resin	-	0.191	1.67		16674	
	plastics	epoxy resin	-	1.591	13.89		138948	
	inorganic material	silicondioxide	60676-86-0	4.328	37.81	55.59	377939	555793
leadfinish	non noble metal	tin	7440-31-5	0.217	1.89	1.89	18915	18915
plating	noble metal	silver	7440-22-4	0.106	0.92	0.92	9248	9248
*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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