



Material Content Data Sheet



Sales Product Name		BGX 50A E6327		Issued		31. July 2018			
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_1	non noble metal	arsenic	7440-38-2	0.000	0.00		2		
	noble metal	gold	7440-57-5	0.002	0.02		176		
	inorganic material	silicon	7440-21-3	0.017	0.15	0.17	1507	1685	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		2		
	noble metal	gold	7440-57-5	0.002	0.02		176		
	inorganic material	silicon	7440-21-3	0.017	0.15	0.17	1507	1685	
chip_3	non noble metal	arsenic	7440-38-2	0.000	0.00		2		
	noble metal	gold	7440-57-5	0.002	0.02		176		
	inorganic material	silicon	7440-21-3	0.017	0.15	0.17	1507	1685	
chip_4	non noble metal	arsenic	7440-38-2	0.000	0.00		2		
	noble metal	gold	7440-57-5	0.002	0.02		176		
	inorganic material	silicon	7440-21-3	0.017	0.15	0.17	1507	1685	
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	37.80	55.58	377940	555794	
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.
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.
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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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