



Material Content Data Sheet



Sales Product Name		BAS 40-07 E6327		Issued		31. July 2018		
MA#		MA000768450						
Package		PG-SOT143-4-1		Weight*		11.07 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		3	
	noble metal	gold	7440-57-5	0.003	0.03		270	
	inorganic material	silicon	7440-21-3	0.026	0.23	0.26	2310	2583
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		3	
	noble metal	gold	7440-57-5	0.003	0.03		270	
	inorganic material	silicon	7440-21-3	0.026	0.23	0.26	2310	2583
leadframe	non noble metal	nickel	7440-02-0	1.673	15.11		151114	
	non noble metal	iron	7439-89-6	2.310	20.87	35.98	208681	359795
wire	noble metal	gold	7440-57-5	0.012	0.11	0.11	1096	1096
encapsulation	organic material	carbon black	1333-86-4	0.104	0.94		9392	
	inorganic material	antimonytrioxide	1309-64-4	0.156	1.41		14087	
	plastics	brominated resin	-	0.195	1.76		17609	
	plastics	epoxy resin	-	1.624	14.67		146743	
	inorganic material	silicondioxide	60676-86-0	4.418	39.91	58.69	399142	586973
leadfinish	non noble metal	tin	7440-31-5	0.217	1.96	1.96	19568	19568
plating	noble metal	silver	7440-22-4	0.303	2.74	2.74	27402	27402
*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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