



Material Content Data Sheet



Sales Product Name		BAS 28 E6327		Issued		27. September 2017		
MA#		MA000740042						
Package		PG-SOT143-4-1		Weight*		11.06 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	0.004	0.04		365	
	non noble metal	arsenic	7440-38-2	0.000	0.00		4	
	inorganic material	silicon	7440-21-3	0.035	0.31	0.35	3119	3488
leadframe	non noble metal	nickel	7440-02-0	1.673	15.12		151180	
	non noble metal	iron	7439-89-6	2.310	20.88	36.00	208773	359953
wire	noble metal	gold	7440-57-5	0.013	0.12	0.12	1157	1157
encapsulation	organic material	carbon black	1333-86-4	0.104	0.94		9415	
	inorganic material	antimonytrioxide	1309-64-4	0.156	1.41		14122	
	plastics	brominated resin	-	0.195	1.77		17652	
	plastics	epoxy resin	-	1.628	14.71		147103	
	inorganic material	silicondioxide	60676-86-0	4.427	40.00	58.83	400119	588411
leadfinish	non noble metal	tin	7440-31-5	0.217	1.96	1.96	19577	19577
plating	noble metal	silver	7440-22-4	0.303	2.74	2.74	27414	27414
*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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