



Material Content Data Sheet



Sales Product Name		BAS 40-07W H6327		Issued		19. July 2018		
MA#		MA000844194						
Package		PG-SOT343-4-3		Weight*		6.76 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	0.006	0.09		886	
	non noble metal	arsenic	7440-38-2	0.000	0.00		9	
	inorganic material	silicon	7440-21-3	0.051	0.76	0.85	7564	8459
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		96	
	non noble metal	titanium	7440-32-6	0.003	0.05		481	
	non noble metal	chromium	7440-47-3	0.010	0.14		1443	
	non noble metal	copper	7440-50-8	3.239	47.90	48.10	479049	481069
wire	non noble metal	copper	7440-50-8	0.004	0.06	0.06	580	580
encapsulation	organic material	carbon black	1333-86-4	0.031	0.45		4511	
	plastics	epoxy resin	-	0.656	9.70		96984	
	inorganic material	silicondioxide	60676-86-0	2.364	34.96	45.11	349595	451090
leadfinish	non noble metal	tin	7440-31-5	0.199	2.95	2.95	29462	29462
plating	noble metal	silver	7440-22-4	0.198	2.93	2.93	29340	29340
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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