



Material Content Data Sheet



Sales Product Name	BAS 40-07W H6327			Issued		14. November 2019			
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_1	non noble metal	arsenic	7440-38-2	0.000	0.00		4		
	noble metal	gold	7440-57-5	0.003	0.04		443		
	inorganic material	silicon	7440-21-3	0.026	0.38	0.42	3782	4229	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		4		
	noble metal	gold	7440-57-5	0.003	0.04		443		
	inorganic material	silicon	7440-21-3	0.026	0.38	0.42	3782	4229	
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	47.91	48.11	479040	481060	
wire	non noble metal	copper	7440-50-8	0.004	0.06	0.06	601	601	
encapsulation	organic material	carbon black	1333-86-4	0.031	0.45		4511		
	plastics	epoxy resin	-	0.656	9.70		96982		
	inorganic material	silicondioxide	60676-86-0	2.364	34.96	45.11	349586	451079	
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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