



## Material Content Data Sheet



Sales Product Name	BAS 3005A-02V H6327			Issued		16. January 2020		
MA#	MA000787830							
Package	PG-SC79-2-1			Weight*		1.68 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000	0.00		31	
	noble metal	gold	7440-57-5	0.005	0.31		3068	
	inorganic material	silicon	7440-21-3	0.044	2.62	2.93	26204	29303
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		92	
	non noble metal	titanium	7440-32-6	0.001	0.05		458	
	non noble metal	chromium	7440-47-3	0.002	0.14		1375	
	non noble metal	copper	7440-50-8	0.767	45.65	45.85	456550	458475
wire	non noble metal	copper	7440-50-8	0.007	0.39	0.39	3932	3932
encapsulation	organic material	carbon black	1333-86-4	0.007	0.42		4233	
	plastics	epoxy resin	-	0.121	7.20		71959	
	inorganic material	silicondioxide	60676-86-0	0.583	34.71	42.33	347094	423286
leadfinish	non noble metal	tin	7440-31-5	0.055	3.25	3.25	32475	32475
plating	noble metal	silver	7440-22-4	0.088	5.25	5.25	52529	52529
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com