



## Material Content Data Sheet



<b>Sales Product Name</b>		BFN 18 H6327		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001212010						
<b>Package</b>		PG-SOT89-4-3		<b>Weight*</b>		53.13 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	0.013	0.02		247	
	non noble metal	tin	7440-31-5	0.003	0.01		64	
	inorganic material	silicon	7440-21-3	0.160	0.30	0.33	3009	3320
leadframe	inorganic material	silicon	7440-21-3	0.005	0.01		95	
	non noble metal	titanium	7440-32-6	0.025	0.05		475	
	non noble metal	chromium	7440-47-3	0.076	0.14		1424	
	non noble metal	copper	7440-50-8	25.112	47.26	47.46	472669	474663
wire	non noble metal	copper	7440-50-8	0.013	0.02	0.02	247	247
encapsulation	organic material	carbon black	1333-86-4	0.268	0.51		5053	
	plastics	epoxy resin	-	4.027	7.58		75796	
	inorganic material	silicondioxide	60676-86-0	22.550	42.45	50.54	424456	505305
leadfinish	non noble metal	tin	7440-31-5	0.801	1.51	1.51	15082	15082
plating	noble metal	silver	7440-22-4	0.073	0.14	0.14	1383	1383
*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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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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