



Material Content Data Sheet



Sales Product Name		BSS138N H6327		Issued		24. January 2018			
MA#		MA001233710							
Package		PG-SOT23-3-5		Weight*		9.33 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	0.008	0.09		860		
	non noble metal	tin	7440-31-5	0.002	0.02		222		
	inorganic material	silicon	7440-21-3	0.091	0.97	1.08	9743	10825	
leadframe	non noble metal	chromium	7440-47-3	0.009	0.10		969		
	inorganic material	silicon	7440-21-3	0.001	0.01		65		
	non noble metal	titanium	7440-32-6	0.003	0.03		323		
	non noble metal	copper	7440-50-8	3.000	32.17	32.31	321710	323067	
wire	non noble metal	copper	7440-50-8	0.008	0.08	0.08	831	831	
encapsulation	organic material	carbon black	1333-86-4	0.058	0.62		6185		
	plastics	epoxy resin	-	1.240	13.30		132985		
	inorganic material	silicondioxide	60676-86-0	4.471	47.94	61.86	479366	618536	
leadfinish	non noble metal	tin	7440-31-5	0.152	1.62	1.62	16245	16245	
plating	noble metal	silver	7440-22-4	0.284	3.05	3.05	30496	30496	
*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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