



Material Content Data Sheet



Sales Product Name		BSS340NW H6327		Issued		19. January 2018		
MA#		MA001627320						
Package		PG-SOT323-3-2		Weight*		6.16 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.001	0.02		201	
	noble metal	gold	7440-57-5	0.005	0.08		781	
	inorganic material	silicon	7440-21-3	0.073	1.19	1.29	11914	12896
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		86	
	non noble metal	titanium	7440-32-6	0.003	0.04		431	
	non noble metal	chromium	7440-47-3	0.008	0.13		1295	
	non noble metal	copper	7440-50-8	2.647	42.98	43.16	429705	431517
wire	non noble metal	copper	7440-50-8	0.005	0.08	0.08	834	834
encapsulation	organic material	carbon black	1333-86-4	0.031	0.50		4980	
	plastics	epoxy resin	-	0.660	10.71		107067	
	inorganic material	silicondioxide	60676-86-0	2.378	38.59	49.80	385940	497987
leadfinish	non noble metal	tin	7440-31-5	0.133	2.15	2.15	21540	21540
plating	noble metal	silver	7440-22-4	0.217	3.52	3.52	35226	35226
*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

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