



Material Content Data Sheet



Sales Product Name		BSS209PW H6327		Issued		20. July 2018		
MA#		MA001624658						
Package		PG-SOT323-3-2		Weight*		6.17 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	0.002	0.03		335	
	noble metal	gold	7440-57-5	0.008	0.13		1300	
	inorganic material	silicon	7440-21-3	0.091	1.47	1.63	14732	16367
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		1293	
	non noble metal	copper	7440-50-8	2.647	42.92	43.10	429179	430989
wire	non noble metal	copper	7440-50-8	0.006	0.10	0.10	953	953
encapsulation	organic material	carbon black	1333-86-4	0.031	0.50		4950	
	plastics	epoxy resin	-	0.656	10.64		106424	
	inorganic material	silicondioxide	60676-86-0	2.366	38.36	49.50	383620	494994
leadfinish	non noble metal	tin	7440-31-5	0.133	2.15	2.15	21514	21514
plating	noble metal	silver	7440-22-4	0.217	3.52	3.52	35183	35183
*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