



Material Content Data Sheet



Sales Product Name		BSS138W H6327		Issued		24. January 2018		
MA#		MA001673788						
Package		PG-SOT323-3-3		Weight*		5.97 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		346	
	noble metal	gold	7440-57-5	0.008	0.13		1342	
	inorganic material	silicon	7440-21-3	0.091	1.52	1.68	15211	16899
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		88	
	non noble metal	titanium	7440-32-6	0.003	0.04		440	
	non noble metal	chromium	7440-47-3	0.008	0.13		1320	
	non noble metal	copper	7440-50-8	2.617	43.82	44.00	438071	439919
wire	non noble metal	copper	7440-50-8	0.005	0.09	0.09	909	909
encapsulation	organic material	carbon black	1333-86-4	0.031	0.52		5184	
	plastics	epoxy resin	-	0.666	11.15		111452	
	inorganic material	silicondioxide	60676-86-0	2.400	40.17	51.84	401747	518383
leadfinish	non noble metal	tin	7440-31-5	0.133	2.22	2.22	22214	22214
plating	noble metal	silver	7440-22-4	0.010	0.17	0.17	1676	1676
*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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