



Material Content Data Sheet



Sales Product Name		BFP 196 E6327		Issued		19. January 2018		
MA#		MA001618842						
Package		PG-SOT143-4-2		Weight*		11.19 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	0.003	0.03		260	
	non noble metal	tin	7440-31-5	0.001	0.01		67	
	inorganic material	silicon	7440-21-3	0.025	0.22	0.26	2242	2569
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		77	
	non noble metal	titanium	7440-32-6	0.004	0.04		387	
	non noble metal	chromium	7440-47-3	0.013	0.12		1160	
	non noble metal	copper	7440-50-8	4.310	38.51	38.68	385083	386707
wire	noble metal	gold	7440-57-5	0.009	0.08	0.08	793	793
encapsulation	organic material	carbon black	1333-86-4	0.105	0.94		9393	
	inorganic material	antimonytrioxide	1309-64-4	0.158	1.41		14089	
	plastics	brominated resin	-	0.197	1.76		17612	
	plastics	epoxy resin	-	1.643	14.68		146765	
	inorganic material	silicondioxide	60676-86-0	4.468	39.90	58.69	399199	587058
leadfinish	non noble metal	tin	7440-31-5	0.217	1.94	1.94	19351	19351
plating	noble metal	silver	7440-22-4	0.039	0.35	0.35	3522	3522
*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