



Material Content Data Sheet



Sales Product Name		BFR 181 E6327		Issued		27. September 2017		
MA#		MA000516506						
Package		PG-SOT23-3-11		Weight*		8.79 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		293	
	inorganic material	silicon	7440-21-3	0.013	0.15	0.18	1523	1816
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		927	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		309	
wire	non noble metal	copper	7440-50-8	2.704	30.76	30.89	307553	308851
	noble metal	gold	7440-57-5	0.008	0.10	0.10	965	965
	organic material	carbon black	1333-86-4	0.058	0.66		6600	
	plastics	brominated resin	-	0.087	0.99		9900	
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.116	1.32		13200	
	plastics	epoxy resin	-	1.248	14.19		141896	
	inorganic material	silicondioxide	60676-86-0	4.294	48.83	65.99	488387	659983
leadfinish	non noble metal	tin	7440-31-5	0.152	1.72	1.72	17231	17231
plating	noble metal	silver	7440-22-4	0.098	1.12	1.12	11154	11154
*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.
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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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