



Material Content Data Sheet



Sales Product Name		BB 545 E7904		Issued		25. September 2017		
MA#		MA000312358						
Package		PG-SOD323-2-1		Weight*		4.47 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	0.004	0.09		876	
	non noble metal	arsenic	7440-38-2	0.000	0.00		9	
	inorganic material	silicon	7440-21-3	0.033	0.75	0.84	7478	8363
leadframe	non noble metal	chromium	7440-47-3	0.004	0.09		936	
	inorganic material	silicon	7440-21-3	0.000	0.01		62	
	non noble metal	titanium	7440-32-6	0.001	0.03		312	
	non noble metal	copper	7440-50-8	1.387	31.06	31.19	310558	311868
wire	noble metal	gold	7440-57-5	0.016	0.36	0.36	3597	3597
	encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.032	0.72		7151
	organic material	carbon black	1333-86-4	0.032	0.72		7151	
	plastics	brominated resin	-	0.078	1.76		17551	
	plastics	epoxy resin	-	0.729	16.32		163161	
	inorganic material	silicondioxide	60676-86-0	2.032	45.48	65.00	455032	650046
leadfinish	non noble metal	tin	7440-31-5	0.076	1.70	1.70	17048	17048
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9078	9078
*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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