



Material Content Data Sheet



Sales Product Name		BB 640 E6327		Issued		25. September 2017		
MA#		MA000314957						
Package		PG-SOD323-2-1		Weight*		4.48 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000	0.00		17	
	noble metal	gold	7440-57-5	0.008	0.17		1726	
	inorganic material	silicon	7440-21-3	0.066	1.47	1.64	14744	16487
leadframe	non noble metal	chromium	7440-47-3	0.004	0.09		933	
	inorganic material	silicon	7440-21-3	0.000	0.01		62	
	non noble metal	titanium	7440-32-6	0.001	0.03		311	
	non noble metal	copper	7440-50-8	1.387	30.96	31.09	309623	310929
wire	noble metal	gold	7440-57-5	0.019	0.43	0.43	4253	4253
	encapsulation	inorganic material	antimonytrioxide	0.032	0.71		7065	
	organic material	carbon black	1333-86-4	0.032	0.71		7065	
	plastics	brominated resin	-	0.078	1.73		17342	
	plastics	epoxy resin	-	0.722	16.12		161213	
	inorganic material	silicondioxide	60676-86-0	2.014	44.96	64.23	449598	642283
leadfinish	non noble metal	tin	7440-31-5	0.076	1.70	1.70	16997	16997
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9051	9051
*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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