



Material Content Data Sheet



Sales Product Name		BB 814 E6327 GR1		Issued		27. September 2017		
MA#		MA000939936						
Package		PG-SOT23-3-3		Weight*		8.74 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		36	
	noble metal	gold	7440-57-5	0.031	0.35		3539	
	inorganic material	silicon	7440-21-3	0.264	3.02	3.37	30227	33802
leadframe	non noble metal	nickel	7440-02-0	1.142	13.07		130689	
	non noble metal	iron	7439-89-6	1.578	18.05	31.12	180475	311164
wire	noble metal	gold	7440-57-5	0.015	0.17	0.17	1693	1693
	encapsulation	organic material	carbon black	1333-86-4	0.087	1.00		9984
inorganic material		antimonytrioxide	1309-64-4	0.131	1.50		14976	
plastics		brominated resin	-	0.164	1.87		18720	
plastics		epoxy resin	-	1.364	15.60		155997	
leadfinish	inorganic material	silicondioxide	60676-86-0	3.709	42.44	62.41	424313	623990
	non noble metal	tin	7440-31-5	0.150	1.71	1.71	17119	17119
plating	noble metal	silver	7440-22-4	0.107	1.22	1.22	12232	12232
*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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